REVIEW OF INTERNATIONAL BROADCASTING

MARITIME SON: CAPE BRETON NATIVE LINDEN MACINTYRE BRINGS HIS EXPERTISE IN PRINT AND TV JOURNALISM TO SUNDAY MORNING

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-via FBIS
edited by
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AUSTRALIA (Radio Australia, 25 Feb 86) The Australian Broadcasting Corporation has told the federal government it could start a satellite television service to the South Pacific for $5-6 million. The estimate is given in a confidential submission provided to the Department of Communications.

A Radio Australia reporter in Canberra, Graham Dobell, says the ABC submission expressed strong interest in providing a satellite television service to the South Pacific, describing the idea as feasible in both technical and program terms.

The corporation said most of the material could be drawn from existing programs, but the service should have news programs with a special Pacific orientation. Dobell says that ABC said this could be provided by drawing on the network of correspondents in the region used by the ABC's overseas service--Radio Australia.

Our reporter says the ABC was asked for the report by the Communications Department which is helping prepare a submission for the Cabinet... (Worldwide Report: Telecommunications Policy, Research & Development, TTP-86-004)

CHINA (Zhhongguo Xinwen She, Beijing, 13 Aug 85) China's first undersea microwave link between Fuzhou and Xiamen passed technical tests and was officially commissioned the other day. 39 professors, senior engineers, engineers, and technicians from 22 units throughout the country participated in the tests. They unanimously held that after being used on an experimental basis for more than 3 years, the undersea microwave link had been proven successful and can be officially commissioned. Designed, installed, and tested by Fujiang Province itself, the undersea microwave link with a total length of 305 km was completely equipped with facilities and parts made in China. Its completion can help...transmit signals of 2 TV programs and 3 radio programs, thereby ensuring that the people in the coastal areas, who account for more than 50% of the province's population, can satisfactorily watch television programs and listen to radio broadcasts. (TTP-85-024)

(RH) Can this be? The attenuation of water at microwavelengths must be very great, no?

COLOMBIA (Pablo Guarin, El Tiempo, Bogotá, 19 May 86) Puerto Boyacá, 18 May -- Great commotion prevails in the middle Magdalena region following the appearance of an alleged clandestine station that has identified itself as the Voice of Freedom. The station has broadcast announcements which indicate that unidentified groups will become the peasants' spokesmen to denounce the actions of communist subversives, particularly the armed group of the pro-Soviet community party, the self-styled FARC... The station announced that its headquarters is located in a Caribbean island and may be heard on short wave. The anchorman has a Central American accent. The radio station was clearly heard this morning in Puerto Boyacá, Cimitarra, and Puerto Berrio; there is no information about who might be in charge of the organization. (Daily Report: Latin America, 23 May 86)

CZECHOSLOVAKIA (Bratislava Pravda, 24 Feb 86) Prague--The 5th World Conference of International Radio and Television Unions which closed yesterday [23 Feb] in Prague was devoted to mutual international cooperation in the exchange of television and radio programs. The conference was attended by more than 170 representatives of 9 international unions, which rally almost all radio and television stations in the world.

The organizer of this year's significant meeting of radio and television experts, which was held for the first time in the capital of a socialist country, was the OIRT (International Radio and Television Organization), which is based in Prague... From 18-23 February the participants in the Prague conference deliberated in 4 working commissions...

The radio commission dealt, inter alia, with the commercialization of sports events and with the constant increase in charges for broadcasting rights. The representatives of all 9 international unions stressed their disapproval at the need to pay for broadcasting sports relays by radio; ...a joint letter of participants in the Prague conference [will be sent] to the International Olympic Committee chairman, in which he will be asked to help in resolving broadcasting rights...

Problems connected with sports broadcasts were also discussed by members of the television commission, which primarily concentrated its attention on expanding the every day exchange of topical news reports. The education and expert training of television and radio staff in the developing countries was jointly discussed. Other working discussions concerned legislative developments in the sphere of authors' rights; the protection of television organizations and of their broadcasts; digital relays and recordings of pictures; satellite transmissions; and other legal and technical problems.

A CTK reporter asked Gennadij Codr, OIRT secretary general, for a final appraisal of the 5th World Conference of International Radio and Television Unions... Will the conclusions of the conference be specifically reflected in OIRT broadcasts?

Codr: The OIRT is one of the unions with the largest share in the international exchange of programs... So far we have had a daily exchange with Eurovision, but we are also interested in expanding this exchange to other parts of the world... We will already begin this exchange on an experimental basis with the ASBU union (Arab States Broadcasting Union) on 1 March... By following a commmon course with regard to FIFA [International Football Association] we want to achieve acceptable financial conditions, because FIFA's demands and those of other international federations and organizers of big international sports competition are truly untenable, and exorbitantly high. (East Europe Report, EER-86-058)

E U R O P E (Cecilia Zecchinelli, Vidicon, Milan, Italy, Nov 85) ...A project that will shortly cause much discussion in Italy also, although for the moment few people outside the restricted circle of those working on it know much about it, is that of the EBU (European Broadcasting Union), officially inaugurated in its experimental phase on 5 October in Holland. It is "Europe TV" (the original name "Olympus" had to be changed after protests from the makers of the Japanese camera of the same name)...

In order to find out more about it, we asked Frank Naef to explain the project to us.

"Europe TV, the all-European satellite channel," explained Naef, "...is the quality response to the commercial satellites and to the invasion of American programs, which will find very little space among Europe TV broadcasts. Finally, it is evidence, at a high technical level, of the desire of state television to become more competitive, more modern, less self-centered and nationalistic."

As we have said, for the moment 5 televisions have subscribed to the project: The Netherlands' NOS, which in a sense is leading the operation at least in its experimental phase which will last until 31 December [1985]...(the Netherlands, furthermore, has made available the center for "Europe TV" at Hilversum), the Irish RTE, the FRG's ARD, the Portugal's RTP, and finally, Italian RAI.

The 5 networks have financed the initial phase of the project with a sum of approximately $14 million and are studying the development of the next phase, which will come into being for Ireland, the FRG, and Portugal at the beginning of 1986. For the moment the diffusion is...brought about via satellite (one channel on the ECS - European Communications Satellite) and via cable system...

"In the second phase, which will start with the launching of 'Olympus'" [a higher power satellite] Naef added, "we will go on to direct broadcasting."

"Of course, we will arrive at this stage only if the first years of the 'Europe experiment' have been positive, if the program has had a good audience and the advertisers have supported it!"

The chances are good: According to EBU forecasts, the potential public after 1988 amounts to 20 million families, not an impossible target if one considers that 360 million television sets in Europe can be connected to a DBS system.

But what is this channel like? What does it broadcast?...

The kind of transmissions, which for the moment are restricted to 3 hours per day, are defined by Paul Henriksen, general secretary of "Europe," with this slogan: "the best of European programs for European viewers."

There will be cultural and scientific programs, documentaries, news (for the moment only on Sundays, but beginning [in 1986] every day), cartoons and other programs for children, entertainment and a lot of sports...

The estimated running costs for the first period are approximately $10 million, which will become $42 million a year in the next phase. These figures...[mean] that the price paid by "Europe" cannot exceed $1500-2000 per programming hour.

Advertising, however, is not only permitted but definitely encouraged, although it will be broadcast only between one program and another or in "natural breaks" (for example, between the 1st and 2nd half of a match)...

This network will, its directors emphasize, supply an absolutely free service, and thus benefit from greater competitive power as compared with the commercial cable TVs which charge a monthly subscription.

And so "Europe TV" will be, indeed already is, free, cultural, international and, of course, polyglot. During the first year, in fact, broadcasts will be in 4 languages (English, German, Portuguese and Dutch). The programs will be broadcast and received in their original language, while other parts of broadcasting will allow for the use of subtitles or dubbing (voiceover) of the dialogue in the viewer's language.

We shall probably have to wait until 1988 for the introduction of "Europe" in Italy; we lack cable networks and the space for television is definitely too crowded at present to allow for experimentation. However, our country views the all-European channel with great interest. After years of long discussions and very few results, "Europe" is one of the recent signs, along with the growth in coproduction, of a new or "continental" age in television. (TTP-86-006)

G A M B I A (Africa magazine, Dakar, Senegal, Nov 85) Such a pleasant trip. Comfortably settled in the "bus" making its way from Dakar to Banjul, crossing the Sine-Saloum which smelled of the freshness of a recent rain, I listened to the latest Anglo-Saxon and African hit singles coming from the car radio. It was judiciously preset at 329 meters on the medium-wave band, the frequency of the only private commercial radio station in all of Africa: Radio Syd. (Africa Number One's case is different.)

In 1959, aboard the ship "Cheeta" off the Scandinavian coast, a Swedish national named Britt Wadner made the first offshore broadcast, thereby circumventing the law in effect at that time throughout Europe: the state monopoly of hertzian band communication... Twenty-five years after this premiere, the northern countries and their societies are at the apex of a communication explosion, but what is Africa's situation?

It is quite different. Rulers here have opted to use audiovisual means of communication as a political propaganda tool at the service of incumbent regimes, thus rejecting democracy of the airwaves.

Gambia, however, seemed to partially escape the general rule with the establishment of Radio Syd in Banjul in 1970. Tired of the glacial waters of the Northern Sea and captivated like thousands of her fellow countrymen by the mildness of the Gambian coast, Britt Wadner obtained authorization to establish a private, musical radio station from Dawda Jawara. May 7, 1970 marks the beginning of Radio Syd's irresistable rise on the Gambian, and soon the Senegalese, Malian, Guinean and Mauritanian airwaves. Wholly financed by advertising spots and calling itself an apolitical music station--an essential condition of its right to exist--Radio Syd is nevertheless a breath of freedom adding rhythm to the lives of hundreds of thousands of daily listeners... With the aid of a powerful 2500 watt transmitter and a high-performance generator, Radio Syd broadcasts 20 hours a day in 5 languages: English, French, Swedish, Wolof and Mandingo.

Radio Syd has no independent news program... It is a full-time music station where live programs, sponsored by cigarette and battery brands...which organize big prize radio games (automobiles, color TVs), alternate with recorded musical tapes. A want ad and communication service is also available to Ghanaian listeners for the relatively moderate sum of 7.5 Dalasis...for a message lasting a maximum of 1 minute. From November to mid-April two daily programs of news and tourist information are offered to Scandinavian tourists in Swedish.

Constance Wadner Enhorning, daughter of Radio Syd's foundress, is currently director of the station. Overwhelmed by her radio station's large audience and by advertising financing, her medium range plan is to create a local, private television station operating on the same principle as Radio Syd. For the time being, however, the problem of a shortage of domestic electricity in Gambia and the excessive number of power cuts forestalls any initiatives in the area of private television. (National television will soon be established thanks to an $80,000 loan from UNESCO, the Gambian minister of information, Landing Jallow Sonko, announced recently).

So let's wish good luck to Radio Syd which has just celebrated its 15th anniversary on the West African airwaves... (TTP-86-009)

S O U T H A F R I C A (Neil Lurssen, The Star, Johannesburg, 5 March 86) Washington -- The South African Broadcasting Corp. is not the only radio service to broadcast in Afrikaans. Now, Radio Moscow has its own Afrikaans service and, not surprisingly, it is aimed at whites in South Africa.

While the broadcasts on Moscow's Afrikaans service are not the kind that would find favour at Auckland Park, they are, by Soviet standards, surprisingly free of the mind-numbing sloganeering that Russian radio commentators find so appealing.

In the Soviet media, which is monitored daily in Washington, it is rare that references are made to, say, the South African Government without the adjectives "fascist" or "racist" or at the very least "supremacist." A favorite term is "ruling clique."

But in Moscow's Africaans broadcasts, much of the verbiage is discarded and the word "government" is used without decoration. Instead of the customary "oppressed masses", the phrase "black South Africans" is used. The intention clearly is to avoid alarming Africaans-speaking whites so much that they will switch off.

In a recent broadcast Soviet commentator Aleksander Fedorov admitted he got most of his material from Radio South Africa itself. But Comrade Fedorov reported he has not been getting good service from the SABC. He complained he had not been able to get hot commentary on issues out of Johannesburg recently and..."so I am unable to get accurate information on the situation inside the country. My aim is to get the views of whites on events in South Africa."

But having informed his listeners that he depended on Auckland Park for accurate information, he then went on to say South Africans were not told what was happening... "Forecasts are now being made in South Africa," Mr Federov said. "Some say there could be a black government there by the year 2000."

Moscow Radio broadcasts to Southern Africa in other languages too, notably Zulu. (TTP-86-00?)

T A N Z A N I A - Z A N Z I B A R (Daily News, Dar es Salaam, 6 Feb 86) President Ali Hassan Mwinyi yesterday commissioned new radio transmission equipment for Radio Tanzania Zanzibar at Dole, 17 km north of the Zanzibar Municipality... The new equipment supplied and installed by the People's Republic of China under a 2.8m/- soft loan, constitutes 2 transmitters of 50 kilowatts each, a broadcasting studio and set of electric generators for emergency purposes.

The new transmitter, however, is linked by a cable to Rahaleo in Zanzibar town, where the recording studios are situated.

...Zanzibar Minister for Information, Culture and Sports, Ndugu Ramadhani Shaaban, said the project was conceived by the Zanzibar Government in 1975. Preliminary studies on its feasibility were concluded by Chinese experts in 1977.

In 1982, he said, Zanzibar and China signed an agreement under which China was to supply and erect the transmitter and train local technicians on how to handle and service the equipment. Zanzibar, on its part, was to contribute another 21m/- in local currency for the purchase of building materials and other accessories.

The Minister informed the President that construction of the station which replaces a 10-kw transmitter at Chunguni, on the outskirts of Zanzibar town, began shortly after the Chinese Premier, Ndugu Zhao Ziyang, laid the foundation stone on January 12, 1983...

With the commissioning of the new transmitters yesterday, Radio Tanzania Zanzibar can now be heard throughout Africa and some parts of the Middle East, Ndugu Shaban explained.

Earlier, the Chinese Ambassador to Tanzania, Ndugu Liu Qingyou, said..."This new transmission equipment will therefore, enable Tanzania not only to broaden her relations across borders, but shall also spearhead the liberation struggle in Africa"...

Before President Mwinyi unveiled the plaque on the entrance of the transmission complex and pressed the knob to activate the equipment, Radio Tanzania Zanzibar staff pledged to handle with care the installed machinery and buildings. They asked the Zanzibar Government to look for external donors to rehabilitate broadcasting studios at Rahaleo.

They also told Ndugu Minyi that lack of adequate transport and poor remunerations were hampering the smooth operations at Radio Zanzibar. (TTP-86-006)

(Radio Tanzania domestic service, 13 Jan 86) Radio Tanzania, Dar es Salaam, has received a new 20 kw shortwave transmitter which will become operational at the end of next month. The transmitter, which is valued at 3.8 million shillings, was donated by a British firm. It will replace an old one which has been operating for the past 27 years. The chief engineer of Radio Tanzania, Ndugu Ignatius Muhumbira, said today that...Radio Tanzania was negotiating with the Central Bank of Tanzania over the purchase of two 100 kw shortwave transmitters...

U S A (Pavel Kasparov, Radio Moscow domestic service, 11 Jan 86) Reuter has reported that the US government has interrupted the work of the UN broadcasting service, which is supposed to inform the world community about the work of the forum of the peoples of the planet. Formally the broadcasts of the UN radio have been stopped because of the lack of a contract with Voice of America. The Reuter cable even emphasizes that...the Voice of America bosses asked the United Nations too much for the renting of broadcasting equipment. But the deeper one goes into the substance of what is taking place, the clearer it becomes that the problems of financial order in the UN radio case are merely a convenient excuse for Washington to deliver a blow against the international organization which is conducting a policy of establishing a new, fairer, information order... (TTP-86-006)

R I B STATUS REPORT "Double" issues of this size will probably be the norm in the future, as the 20-page Issue 111 proved less efficient than expected; an occasional 60-p issue (like DXLD 8-9) may also appear. Greatly increased printing costs make these changes necessary. Coincidentally, gh is trying to ease off the editorial workload for a while, this time making more use of reproduced material. Original articles from readers in camera-ready format are invited; typing should be near-perfect and the lines originally 8½ inches wide (the missing margins will magically reappear upon reduction and publication). If RIB has been valuable to you, your continuing renewals will help assure it remains.

DOMESTIC INFORMATION & ASSOCIATED LISTENING Editor Kraig W Krist has resigned; our thanks for his hard work on this section. In the future we would like to concentrate on truly exceptional and worthwhile domestic programming, rather than sports networks, local format surveys, etc.

PARTICIPATE IN THE BBC LISTENING DIARY The people at BBC Audience Research have assured us personally they would very much welcome the additional input from RIB readers. Instructions are on page 19. Note that this covers the week of October 25-31 only. The centre pages may be removed, or photocopied if you prefer and sent to London or one of BBC's nearby maildrops.

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FOR IMMEDIATE RELEASE

SENATE JUDICIARY COMMITTEE PASSES ELECTRONIC PRIVACY ACT

Washington, DC (19 September 1986)---The Senate Judiciary Committee this morning gave unanimous approval to S.2575, the Electronic Communications Privacy Act. Consideration of the bill took exactly 25 seconds.

Senator Paul Simon (D-IL) introduced two amendments to the bill on behalf of the Association of North American Radio Clubs (ANARC). One reduces the penalty for a first interception with no bad purpose of public land mobile radio services (including cellular, older carphones and paging) to a fine of $500, eliminating the 6-month jail term. The other eliminates criminal penalties for interception with no bad purpose of broadcast remote pick-up stations, but permits the federal government to seek court injunctions against interceptors, accompanied by a $500 civil fine. The Simon amendments, offered as compromises with those wanting stiffer penalties, were accepted and incorporated in the bill.

S.2575 now goes to the Subcommittee on Communications for a brief review, then to the floor of the Senate for a vote as early as next week. A related bill, H.R.4952, has already passed the House of Representatives. If the Senate passes the bill approved this morning, a House-Senate conference may be needed to iron out differences between the two bills. Or the Senate version could simply be passed by the House. The latter is faster, and would preserve gains ANARC made in the Senate version.

In its present form, S.2575 would make it legal to monitor the radio portion of a cordless telephone call or a tone-pager; any marine and aeronautical radio communications; any communication transmitted "for the use of the general public;" any Amateur, CB or General Mobile radio transmission; any governmental, law enforcement, civil defense, private land mobile, or public safety communications, including police and fire, which are "readily accessible to the general public."

ANARC continues to oppose the bill's definition of "readily accessible" as contrary to physical reality in many cases. The definition also limits First Amendment rights in electronic media, by making it a crime to receive certain communications on the pretext that they are inaccessible, when they actually are accessible. But given the likelihood of passage, we prefer the Senate version as the lesser of two evils, and regard the adoption of Sen. Simon's amendments as an important victory.

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How Not to Protect Communications

(NY Times, Op-Ed, Sept. 13, 1986 via Gerald Kercher and Jon Lawson)

By Robert Jesse

BALTIMORE — The Senate should avoid repeating the mistake made by the House when it unanimously passed the Electronic Communications Privacy Act. Purportedly a benign updating of the 1968 Federal wiretap law designed to guarantee privacy in the electronic age, the bill actually promotes the cellular telephone industry at the expense of the public good.

True enough, obsolete language in the existing wiretap law fails to address digital, video and other new forms of communication. The proposed law would fix that. But it would also declare certain communications legally private regardless of the electronic medium used to transport them. The mere act of receiving radio signals, except for certain enumerated services like commercial broadcasts, would become a Federal crime.

To disregard the medium is to ignore the essence of the privacy issue. Some media, such as wire, are inherently private. That is, they are hard to get at except by physical intrusion into a residence or from a telephone pole. Other media, notably radio signals, are inherently accessible to the public. Commercial radio and television broadcasts, cellular car telephone transmissions and other "two-way" radio communications enter our homes and pass through our bodies. Cellular phone calls, in fact, can be received by most TV sets on UHF channels 80 through 83.

If radio is public by the laws of physics, how can a law of Congress say that cellular communications and other forms of radio are private? The unhappy answer is that the proposed law appears to be a product of technological ignorance or wishful thinking. A similar edict applied to print media would declare newspapers, or portions of them, to be as private as first-class mail. The result is plainly absurd and contrary to decades of reasonable legislative and judicial precedent.

In contrast, present Federal law prescribes a sensible policy for oral communications, protecting only those "uttered by a person exhibiting an expectation that such communication is not subject to interception under circumstances justifying such expectation." To illustrate, a quiet chat in one's parlor would likely be protected. Substitute for the parlor a crowded restaurant or the stage of a packed auditorium, and the expectation of privacy is no longer justified. The law would not grant it.

Congress should apply this same logic to electronic communications. The broadcasting of an unencrypted radio telephone call, or anything else, is an inherently public act, whether so intended or not. Thus it violates the "justifiable expectation" doctrine, and warrants no Federal protection.

Protection or no, people will not be stopped from receiving radio signals. Even Representative Robert W. Kastenmeier, Democrat of Wisconsin, who championed the bill in the House, confesses that its radio provisions are essentially unenforceable. They will have no deterrent effect, and they will not increase the privacy of cellular phone calls or other broadcasts. Worse, the act would lull the public into a false presumption of privacy.

On further examination, it appears that the legislation is really more a sham than an honest, if puerile, attempt by Congress to deal with new technology. Its sponsors say they aim to protect all electronic communications equally. Yet the bill creates at least four categories of phone calls, with varying penalties for interception. Cellular radio calls are guarded by threat of imprisonment, but there is no interdiction whatsoever against eavesdropping on "cordless" phones of the sort carried around the apartment or backyard.

So Congress is about to give the cellular telephone industry ammunition for advertising and bamboozling, promising privacy that does not actually exist. Cellular service companies thereby hope to avoid losing revenue from customers who might use the service less if they understood its vulnerability.

If Congress were serious about privacy in the communications age, it would scrap the Electronic Communications Privacy Act and begin anew. Legislators and the public must first grasp the true properties of new technologies. Are those properties inadequate or unsavory? If so, relief will come only from research and more technology not wishful legislation. □

Robert Jesse is a technology consultant.

RADIO MARTÍ PROGRAM SCHEDULE, via Charles Weiss, DH. Cuban time UTC-4 until Oct 11, then UTC-5; UTC fq sked: 0930(1030)-12 6075, 12-1415 9570, 1415-23 11930, 23-03(04) 9525; 1180 thruout. Short pgms not shown: SABIA UD.?, DEPORTES, VOA EDITORIAL, COMENTARIO, UN DIA COMO HOY, SEGUNDA CIUDAD. NEWS every half hour on weekdays; every hour on weekends. Contradictions/conflicts are sic.

Mon-Fri

0545-0600 AUDICIÓN GUAJIRA
0621-0626 HORÓSCOPO I
0642-0647 HORÓSCOPO II
0649-0654 PANORAMA ARTÍSTICO I
0655-0657 ENTRE TEQUE & TEQUE
0710-0715 LA PRENSA OPINA
0716-0721 HORÓSCOPO I
0725-0730 PANORAMA ARTÍSTICO II
0737-0742 HORÓSCOPO II
0745-0800 ENFOQUE
0812-0817 HORÓSCOPO I
0819-0822 ENTRE TEQUE & TEQUE
0823-0828 HORÓSCOPO II
0835-1015 ENTRE AMIGOS
1015-1030 LA TREMENDA CORTE
1040-1100 DE MUJER A MUJER
1056-1100 ENTRE TEQUE & TEQUE
1105-1200 ESMERALDA
1215-1230 PRIMERA PLANA Mon
15 MINUTOS Wed/Fri
1220-1225 PANORAMA ARTÍSTICO II
1235-1240 LA PRENSA OPINA /M/T/T
1245-1400 UN POQUITO PARA TODOS
1407-1600 DOS A LAS DOS
1605-1830 SONIDO JOVEN
1839-1842 ENTRE TEQUE Y TEQUE
1845-1900 LA TREMENDA CORTE
1910-1915 PANORAMA ARTÍSTICO I We
1915-1945 MESA REDONDA Wed
1918-1923 PANORAMA ARTÍSTICO I
1935-1955 ENTREVISTA DEL DÍA M/F
1935-1950 TESTIMONIO Tue/Thu
1955-2000 PANORAMA ARTÍSTICO II
1955-2000 LA PRENSA OPINA [sic]
2010-2030 LIBRO ABIERTO Tue/Thu
2045-2100 ENFOQUE
2105-2200 MÚSICA P/TODOS GUSTOS
2210-2230 EL ARTE DE VIVIR

Saturday

0545-0600 AUDICIÓN GUAJIRA
0605-0700 MÚSICA PARA RECORDAR
0705-0725 ENTREVISTA DEL DÍA
0725-0730 PANORAMA ARTÍSTICO I
0730-0800 MEJOR DE CORRESPONSALES
0815-0830 FECHAS PARA RECORDAR
0830-0900 MUNDO DE LA RELIGIÓN
0910-0930 DE MUJER A MUJER
0930-0950 MIS MEJORES AMIGOS
0950-0955 PANORAMA ARTÍSTICO II
1005-1200 VARIADÍSIMO
1230-1300 MEJOR DE CORRESPONSALES
1305-1325 FECHAS DE AMÉRICA
1326-1329 ENTRE TEQUE Y TEQUE
1330-1350 POEMA, POETA, POESÍA
1350-1355 PANORAMA ARTÍSTICO I
1405-1500 EL SON SE FUÉ DE CUBA
1505-1700 CONTEO MUSICAL
1720-1725 PANORAMA ARTÍSTICO II
1730-1750 ENTREVISTA DEL DÍA
1751-1754 ENTRE TEQUE Y TEQUE
1805-1815 PANORAMA SEMANAL
1815-1830 FECHAS PARA RECORDAR
1830-1850 LIBRO ABIERTO
1905-2000 SHOW DE LA JUVENTUD
2005-2100 VARIEDADES
2110-2130 POEMA, POETA, POESÍA
2130-2230 EL MUNDO DE LA MÚSICA
2230-2245 ENIGMAS Y MISTERIOS

Sunday

0545-0600 AUDICIÓN GUAJIRA
0610-0630 ENTREVISTA DEL DÍA
0630-0700 MEJOR DE CORRESPONSALES
0710-0730 HORIZONTES DEL MUNDO
0730-0800 MÚSICA PARA RECORDAR
0815-0830 FECHAS PARA RECORDAR
0830-0900 EL MUNDO DE LA RELIGIÓN
0910-0930 DE MUJER A MUJER
0930-0950 MIS MEJORES AMIGOS
0950-0955 PANORAMA ARTÍSTICO I
0955-1000 ENTRE TEQUE & TEQUE
1005-1055 EL SON SE FUÉ DE CUBA
1105-1200 ÉXITOS DE BROADWAY
1210-1230 HORIZONTES DEL MUNDO
1230-1300 MESA REDONDA
1305-1327 FECHAS DE AMÉRICA
1330-1350 POEMA, POETA, POESÍA
1350-1355 PANORAMA ARTÍSTICO II
1405-1530 ÉXITOS DE AYER
1530-1535 PANORAMA ARTÍSTICO II
1535-1555 ENTREVISTA DEL DÍA
1605-1700 SHOW DE LA JUVENTUD II
1710-1730 LIBRO ABIERTO
1730-1800 EL MUNDO DE LA RELIGIÓN
1805-1900 MISA
1905-2000 PUENTE FAMILIAR
2005-2100 ÉXITOS DE BROADWAY
2130-2230 TODO JAZZ
2230-2245 FECHAS PARA RECORDAR

CUBA: "A VOA EDITORIAL REFLECTING THE VIEWS OF THE UNITED STATES GOVERNMENT: (L Cox)

"Fidel Castro often complains about Radio Martí and other foreign broadcasts aimed at Cuba, threatening to jam United States commercial radio stations to demonstrate his displeasure. In Cuba it is illegal to listen to foreign broadcasts, and those caught doing so are punished.

"But Castro has been trying to get his message across to the rest of the world through a Cuban foreign broadcast service. Now, Cuba is beginning a new international television service, Cuba Visión, via the Soviet satellite, Intersputnik((correction:Intersputnikis not a satellite, but a co-operative of Communist countries making use of satellite transmission - lc)). The new channel is starting small, broadcasting only three hours a day on weekends, hoping to expand to a full eight hours every day. Plans are to broadcast to most of Africa, the Middle East and the Western Hemisphere, including the United States.

"What motivates Castro to start such expensive international broadcasting at a time of economic hardship at home? Several factors may have prompted Cuba Visión. It enables Cuba to be seen at home and abroad as a highly sophisticated and modern state, performing heart transplants, participating in space flights, and now projecting satellite television with help from its Soviet friends. This could prove to be an effective way to bolster its image.

"Cuba is also striving to improve the morale of its armed forces stationed overseas, fighting a number of proxy wars with the help of a $12 million a day subsidy from the Soviet Union. Cuba Visión made its dedut with a broadcast to Cuban soldiers in Angola where morale is particularly bad and soldiers only leave their compound armed and in pairs.

"But more important, Fidel will have at his disposal a new sophisticated medium to wage ideological war against governments and nations he dislikes. We welcome the free competetion of information across international borders. Cuba recently outlawed the unregistered possession of 'dish' antennae for satellite reception. But Americans are free to watch Cuba Visión if they choose. Residents in Washington D.C. report receiving Cuba Visión on their television sets from a simple roof antenna((?? - don't know what to make of that: a C Band antenna with a small reflector? If CV is on a domestic "bird" I'm not aware of it; will have to check - lc)). We urge Mr. Castro to remove his restrictions on the free flow of information so that there can be a real test, a fair match between the philosophies which govern our two societies."

(transcribed from the Voice of America English language feed monitored on Satcom F2, Tr. 14, SCPC, 28 Aug.)

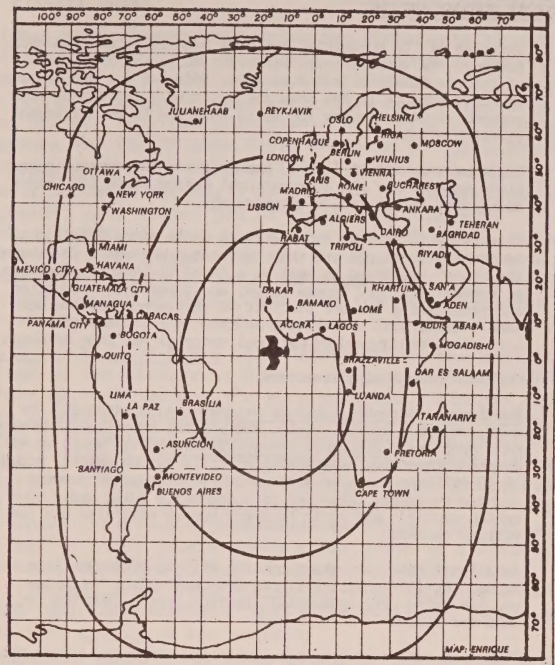
lc c'd not but detect some irony in the above considering the efforts of forces within our country to achieve a virtual de facto illegalisation of home TVRO terminals; forces trying precisely to inhibit that "free flow of information" Mr. Castro is criticized for restricting. And was that legislative amendment ever killed that prohibited the reception of "foreign" satellite transmissions? VOA editorialsts are probably not even aware that there is a struggle of embattled home TVRO owners, let alone what it is all about, as they go after Fidel. (I am, or may be, in violation of the law for receiving this transmission in the way that I did.)

Query: By whom and for what purpose is Radio Rebelde being put up on the VOA transponder (F2/14) SCPC narrow band? It is an off the air pickup as the static (QRN) is sometimes rather severe. Is this a means whereby RR can be heard back in Washington by VOA or Radio Martí personnel who may wish to analize the broadcasts' contents?

Speaking of Radio Martí, they are also on the transponder indicated above. For more on the delights of the newest aspect of my satellite monitoring activities, exploring the "birds" for SCPC (Single Channel per Carrier) transmissions, see "SW"/ lc

VOA IS ABOLISHING VOA-EUROPE as of the end of the year. Announcement was made Sept. 17. Budget cuts are blamed, staff personnel presumably to be absorbed in VOA; contract employees are out of luck. Some had been hired in recent weeks. Rumors in the hallways are that it was a choice of VOA-Europe or a language service. Charles Wick, who supported VOA-Eu as a way to sell star wars to European youth, apparently was responsible for its death, it is rumored. Some Democrats had questioned need all along for a service aimed at friendly countries. Cuts already being made in VOA-Eu, tho will continue to Dec. 31 (Mike Cooper, Atlanta) [Was hifi/stereo satellite fed to European FM stns, cablesys]

JEWISH HOLIDAYS & FESITVALS leading to special programmes on the eve and day itself via Israel Radio: 3/4/5 Oct Rosh Hashanah - Jewish New Year. 12 Oct Eve of Yom Kippur - Day of Atonement; no broadcasts in the evening. 13 Oct Yom Kippur - no bcs until after the Fast. 17/18 Oct Sukkot - Tabernacles - First Day. 24/25 Oct Simhat Torah - Rejoicing in the Law. 20-2030 13725 12080 9435 9009 7465; 2230-23 13725 9855 9435 9009 7465. 00-0030 & 01-0125 9435 7465 5885. 02-0225 9435 7465 5885; EG NAm/WEu



Broadcast range of satellite 4, in stationary orbit over the Atlantic Ocean.

(Granma Weekly Review, Aug. 10 via O Williamson)

CUBAN TV SATELLITE BROADCASTS COVER LARGE AREA

BY GUSTAVO ROBREÑO

● THE COVERAGE of the ceremony in Sancti Spiritus marking the 33rd anniversary of the attack on the Moncada Garrison marked the start of international TV broadcasting by the Cuban Radio and Television Institute (ICRT) for Cuban internationalists abroad, Cuban diplomatic missions and friends of Cuba in different parts of the world.

The start of this service had been announced by President Fidel Castro in his Main Report to the 3rd Congress of the Party. A broad range of programs will be sent out via satellite, including news, entertainment, cultural events, sports and music.

The broadcasts will seek to reflect Cuban reality in its different manifestations. The theme song is a song by Pablo Milanés written especially for the broadcasts. Initially there will be three hours of programming three days a week (Friday, Saturday and Sunday) from 6:00 to 9:00 p.m. (Cuban time) with extensions if needed.

Geostationary satellite 4 of the Intersputnik system, situated in an orbit of 14 degrees west over the Atlantic Ocean, will be used for the broadcasts which can be picked up on Channel 11 in different parts of the world with the use of satellite dishes. The eastern part of North America, and the Caribbean, South America, Africa and Europe are in broadcast range.

An additional feature is that the signal can also be picked up by other ground satellite stations built by the Ministry of Communications within Cuba, making it an alternative means for regular TV broadcasting in case of interruptions in the national microwave network.

The new service will be operated by 11 comrades from ICRT.

Program material will be selected mainly from current broadcasts by Cuba's two TV channels and will also include material produced by institutions that turn out film and TV material.

These broadcasts mark the culmination of joint efforts between the Ministry of Communications and ICRT.

POLAND has introduced compulsory registration of satellite dish antennas. It's impossible to gauge accurately how many are in private hands, but the number is unlikely to exceed 1000. Authorities are moving to control spread as Western TV companies are planning to start programs visible in Poland. Recently the Finnish Salora company held an exhibition of satellite TV equipment in Warsaw. ("The Times" via Sweden Calling DXers, July 1)

Chilean radio station is walking a fine line

(via Malcolm Kaufman)

By Pamela Constable (Boston Globe, Aug 11)
Globe Staff

SANTIAGO, Chile – It is 20 minutes before the noon newscast, the body of a student opposition leader has just been discovered on a beach, and the cramped studio of Radio Cooperativa is in a controlled frenzy.

In a half-dozen tiny cubicles, staff members armed with rickety typewriters tap out stories about witnesses' testimony and police statements, tape record expressions of outrage from telephoning politicians and edit the sobbing voice of the student's distraught mother.

"Don't forget, we can't say he was assassinated yet," Guillermo Munoz, the news director, shouts over the din. Then he turns to a visitor. "What we do instead," he says, "is accept declarations by prominent callers that the boy was murdered. That way we are simply reporting what they say."

Under 13 years of military dictatorship, Munoz – a lawyer by training – has developed what he calls "a nose" for what Cooperativa, Chile's most outspoken and listened-to commercial radio station, can broadcast without risking suspension of the right to air news.

As a result, the station's highly respected news program has been shut down briefly by the government of President Augusto Pinochet only four times since 1983, when it cautiously began reporting on growing antigovernment protests and strikes.

When a protest is called, Cooperativa avoids simply announcing it – that could provoke the wrath of state censors. But by reporting legal developments and a group's request to hold a march at a certain time and place, the station protects itself and still gets the message across.

Also to be avoided is satirical or personal reporting on Pinochet and his family – a staple of other, less responsible opposition media outlets.

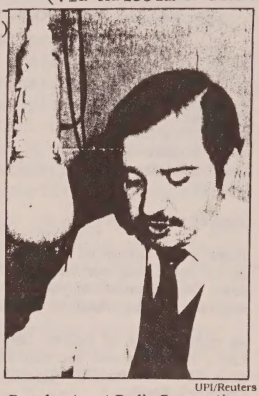
"We are very serious here, and we know they can guillotine us any minute. We have to focus on what really matters," said one veteran reporter, Osvaldo Vega.

Although owned by investors affiliated with the centrist Christian Democratic Party, a leading opponent of Pinochet, Cooperativa has survived under dictatorship by providing accurate information about political issues without embellishment, commentary or bias, say staff members.

The station has also thrived because it has little mass media competition for the truth. Chile's major television stations are state-controlled and notoriously antiseptic; the daily papers are outright propaganda tools for the government; and only the smaller, church-run Radio Chilena attempts to report on controversial news as aggressively as Cooperativa.

"In the absence of other reliable information, we've become a national phenomenon," Munoz said.

From a modest share of Chile's radio audience in 1980, Cooperativa has leaped to first place, with 1 million listeners each day. "People believe us because we report only what we are sure of," Munoz said, "and the government respects us because we stay within the law."



UPI/Reuters

Broadcaster at Radio Cooperativa.

Financially, Cooperativa has paid a high price for its cautious crusading. After Pinochet's 1973 coup, many of the station's corporate advertisers were scared away, most of its popular announcers were hired by the government's media operations, and eight of its 11 local affiliates were shut down.

In 1979, the station was forced to abandon luxurious downtown offices for its current quarters in an old house, and staff members went for weeks without pay, often borrowing small sums from their managers to meet urgent household expenses.

Genaro Arriagada, a Christian Democrat who heads the board of directors, recalled the day in 1980 when one advertiser, a home builder, finally decided to buy a spot during the news. The man's friends "told him he was crazy, but we went out and celebrated," said Arriagada. "From then on, things have been getting better."

In trying to maintain a balance between independence and survival, Cooperativa – which actively opposed the government of the former Socialist president, Salvador Allende Gossens – has faced criticism from political groups that wish it would take a more impassioned stance against the Pinochet government.

But Cooperativa's managers say that would undermine the station's painfully established credibility and offend listeners, who tend to tune out broadcasts that hype partisan views and to complain about too-graphic descriptions of torture or beatings by security forces.

"We have a commitment to certain values, but we can't afford to be an instrument for any group," said Arriagada. "It's very tempting to put certain things on the air, but you have to resist, to be rational, to think of the long-term effects."

One day, he recalled, a sobbing woman appeared, hoping to air a plea for her husband, who she said had been taken away by police. Although her testimony was dramatic, Cooperativa told her they could not report on the case until she filed court papers. After all, Arriagada said grimly, "she could have been sent by the regime."

COMITE INTERNACIONAL DE RESCATE

Apdo. Postal No. 113 . La Ceiba, Atlántida . Honduras, Centro América

La Ceiba, Atlántida
July 29, 1986

Engineer
CARL HUFFAKER
Apdo. Postal 42-507
11001 México, D.F.
México

Dear Mr. Huffaker:

Thank your letter of 15 July 1986 which I received informing us of receiving our test transmissions on the same date, today. The information you sent should be on interest to our engineers Allen Hundley and Luis Gomez.

We operate out of Puerto Lempira, Graicas a Dios "La Mosquitia", Honduras and our equipment includes a 10 Kw AM Sintronics SI-A-10 broadcast tranmitter modified to operate on the tropical band.

Our name is "SANI RADIO", HRRI, 4.755 Khz and we are licensed by the Honduran government through a cooperative agreement with a local development agency called MOPAWI as a cultural and educational radio station.

The word "sani" is a miskito indian word for a common vine that is used as rope. Children often make "sani radios" by the old tin can and string method only using a piece of sani string and two coconuts. The term has also became an idiomatic expression the same as our English expression "through the grapevine".

Throughout this month we will be transmitting daily in both Miskito and Spanish from 1000 hrs to 1200 hrs and 1530 hrs to 1730 hrs local time with possible night broadcasts similar to the one you heard. We are especially interested in our daytime coverage and reception because it is quite possible that we may go into national programming next year with the Honduras Ministry of Education. In the meantime we will struggle to become a semi-commercial station with our Miskito audience.

The area of "La Mosquitia" has long been isolated from both national and international interests until the 1980 influx of refugee Miskitos from Nicaragua. Today we are one of many agencies working in the area and especially appreciate your comment about reminding the world that the US thinks beyond planting mines.

For your information I am 33 years old and the current operations manager for the International Rescue Committee with a background in sanitation engineering.

This is my first real experience in radio since I failed electronics years ago. We rely on the two engineers who shared the "show" you heard as well as a third bi-lingual education al specialists, Mr. Thomas Keogh, who supervises production and programming for our staff of 30 indigenous station personel. Staff will undoubtedly be reduced next year after sufficient bilingual educational material has been produced.

Our main programming areas are:

Non-formal community services programming (a catch-all for news, weather, sports, music, and special educational|development programs); Bilingual Primary Education (in which we will direct interactive programming directly for an initial group of 40 villages equipped with an inexpensive solar powered standard receivers installed in a community built radio education center); and Adult Literacy (which will also use the village centers).

As a final note, our grand opening will be broadcast live on August 18, 1986 starting around 0900 hrs, after which our regular daily programming will be from around 0600 hrs to 1800 hrs daily.

Thank you very much for your letter and comments, I hope this suffice as a QSL for now as we have no printed cards as of yet. Please let us know should monitor us again.

Sincerely,

Edward A. Pfister

[A Sept 1 letter to Kenneth Hill adds grand opening was Aug 25 and sked is 12-16 & 21-02 UTC]

EDWARD A. PFISTER
Operations Manager
INTERNATIONAL RESCUE COMMITTEE|HONDURAS

cc: file

eap|jmh

BELGIUM On Sept. 28, BRT retimed most English broadcasts to accomodate new programs in French.

TIMES AND FREQUENCIES **BRT - International Service «BRUSSELS CALLING»**

UTC	TARGET AREA	kHz	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
06.15-06.55	North America South-East Asia	9880 21810						Cooking PO Box 26 - Sports The Arts - R. World	Cooking PO Box 26 - Sports The Arts - R. World
08.00-08.25	North America South-East Asia	9880 17595	Cooking PO Box 26 Sports	News Press Review Belgium Today Focus on Europe Sports	News Press Review Belgium Today North-South PO Box 26	News Press Review Belgium Today QSL-Stamps Sciences Industry & Technology	News Press Review Belgium Today The Arts Foreign Trade		
13.30-13.55	North-America South-East Asia	15590 15580	Cooking PO Box 26 Sports	News Press Review Belgium Today Focus on Europe Sports	News Press Review Belgium Today North-South PO Box 26	News Press Review Belgium Today QSL-Stamps Sciences Industry & Technology	News Press Review Belgium Today The Arts Foreign Trade	Cooking Radio World Sports	
16.30-16.55	Africa (*) Africa	15515 11695	News Press Review Belgium Today Focus on Europe Sports	News Press Review Belgium Today North-South PO Box 26	News Press Review Belgium Today QSL-Stamps Sciences Industry & Technology	News Press Review Belgium Today The Arts Foreign Trade	News Press Review Belgium Today Tourism	Cooking Radio World Sports	
18.30-18.55	Europe Europe Europe MW	5910 9905 1512	News Press Review Belgium Today Focus on Europe Sports	News Press Review Belgium Today North-South PO Box 26	News Press Review Belgium Today QSL-Stamps Sciences Industry & Technology	News Press Review Belgium Today The Arts Foreign Trade	News Press Review Belgium Today Tourism	Cooking PO Box 26 Sports	Radio World Music Box
22.00-22.25	Europe Europe MW North-America	5910 1512 5910							
00.30-00.55	North-America South-America	5910 9925							

(*) from 02-11-86 to 28-02-87 : 9905 kHz - from 01-03-87 tot 29-03-87 : 15515 kHz

Frequency changes may

(Pius Heng, Penang, Malaysia, May WDXC Contact) BRT is a station I listen to on and off. I do not find this station's programmes to be very interesting. Brussels Calling is the only station on SW I know of that doesn't have a news bulletin at the beginning of the broadcast; instead, they have BELGIUM TODAY which carries about three news items related to Belgium. BRT programmes are boring because of the way they are presented--by reading an article. However, I find their P O Box 26 mailbag programme and the DX show RADIO WORLD to be quite lively and interesting.

(Edwin Southwell, UKOGBANI, ibid.) I think BRUSSELS CALLING is a very pleasant programme which is well balanced and has a good format of information features interspersed with music and songs, and in general does a good job of presenting Flanders. I think the presenters add an extra dimension with exchanges between them before and after features and music and songs. Sometimes this gives the impression that the programmes are put together as a team, and not reports put together on tape, which makes the presentation better. One programme on Sundays in RADIO WORLD, which covers a wide variety of subjects devoted to radio, and very topical, also uses information sent in by listeners. The presenter, Frans Vossen, also uses tapes sent in by listeners of stations heard whilst travelling, or locals.

N E T H E R L A N D S (RN October Programme News, via Dick Rush and Carl Mann) Monday a new 13-part look at the history of Africa, WE MADE A HOE AND WENT ALONG. Peter van den Akker paints an audio picture of this continent's rich heritage. Richard Leakey, director of Nairobi's National Museum in Kenya is one of the guides. Using input of 60+ experts, and a sesquiyear of research, we hope this series will interest listeners both inside and outside the continent. Narrator is Stanley Nyahwa. :: Oct 6 "Well Preserved in Layer A" - the cradle of mankind. Oct 13 "We Took Off to Our Farms" - the spread of food production. Oct 20 "Perpetuating Scenes for all Eternity" - insight into Egyptian civilisation. Oct 27 "Land, Women and Cattle" - history of the Bantu migration. Nov 3 "This Blessed Town Djenne" - history of West African states and cities. Nov 10 "Black Skin, White Heart, Long Live the King!" - story of the Dutch slave trade in disguise. Nov 17 "A Portrait for the King" story of two princes of Ashanty, Aquasi Boachi, and Kwame Poku. Nov 24 "I use my hoe and dig" - African agricultur

Tuesday apart from the weekly arts magazine IMAGES, the last 3 programmes in the series THE DUTCH AND THEIR DEVELOPMENT: Oct 7 The Arts; Oct 14 The Media (very complex here!); Oct 21 European Unity. As from Oct 27, a new series:

Currently Barry O'Dwyer is preparing a five part feature entitled "The Traders". These programmes will focus on those sectors of industry and commerce in The Netherlands that have proved successful in recent years at trading with the world in general. The Dutch distillers is one case of imaginative exporting, starting with "gin", and later expanding to suit market tastes in Africa, America, and the rest of Europe. By contrast, the Netherlands convention industry exports nothing, yet has won itself 8th place in the world listing of countries in which to organise a conference. Barry will also look at the recording industry, looking at why digital studios not far from ours are attracting top artists such as Elton John, ELO, or Tina Turner to make their master in Holland. Also planned is a look at the Dutch salvage industry - whenever a ship goes down, a Dutch salvage tug isn't far away. Is it "finders-keepers" on the high seas?

Marijke van der Meer is also putting together a series on Dutch literature, giving an overview of works, most of which have been translated into English. The Dutch read more books than most inhabitants of Western Europe. Is there a rich tradition of literature to stimulate this? Judge for yourself.

Wednesday THE WEDNESDAY REPORT--regular presenters Ginga da Silva, Barry O'Dwyer, and Dorothy Weirs reflect developments in Holland, and events outside this country which involve or influence the Dutch. or on the 0830, 1130 and 1430 UTC transmissions only: ASIASCAN, Pete Myers and Mike Bullen with a live up--tempo magazine show, 45+ minutes of background, analysis, interviews, quizzes, listener opinion; during October serialising sexions of the new book "The Snap Revolution" by James Fenton, eyewitness account of the fall of Ferinand F0165Marcos [sic] and in first part of month, 3 segments reading from the book; Wed Oct 1, documentary on breast feeding, a controversial topic in developing countries.

Thursday: October 2nd Media Network "Countdown to Chaos ?". At the start of next year, some 160 ITU countries will sit down in Geneva to take a second look at the shortwave spectrum. Based on a conference in 1984, the delegates now have to decide whether or not to adopt the technical specifications designed then. Will the conference also mean that countries will lose the power to pick their own frequencies in future? Why was the conference recently shortened from 7 to 5 weeks? And is this just an academic argument if harmful interference (jamming) is not recognised by the ITU computer system. Media Network looks at the current situation, and the way the situation is shaping up. (We shall also have coverage of the conference as it progresses in Feb-March 87).

Thursday: October 9th Media Network "News Update" Today with an update on media news from Africa with

Richard Ginbey, plus clandestine radio developments from John Campbell. We review the new Panasonic receiver, the RF-B60L, and there's propagation news from Mike Bird.

Thursday: October 16th Media Network "Digital Bells in the Belfry". You may have noticed that the sound of Radio Netherlands interval signal has changed as from the start of September. This updated recording of the folk song "Merch toch hoe sterk" was digitally recorded at Breda Church using a rather special technique. Jonathan Marks looks at the background, and lets you hear the different between the professional version (involving a few steps) and an amateur recording on the street (no climbing anywhere!).

Thursday: October 23rd Media Network "Media News Update". Including contributions from Asia by Victor Goonetilleke, and Sarath Weerakoon. Propagation as usual from Mike Bird.

Thursday: October 30th Media Network "Antique Wireless Revisited". Following the overwhelming success of a nostalgia programme back in June, we look at other aspects of antique wireless collecting. There's a visit to the Dutch Broadcasting Museum, considerably expanded since it opened two years ago, and we review two books. One is from British authoress Joan Long, the daughter of Fred Murphy. An entrenpeneur in his day, and founder of the Murphy brand, he later disappeared from the scene. More memories in Media Network, together with a current run down of media developments from Andy Sennitt.

Thursday: November 6th Media Network "Profile: Arthur Cushen". Our New Zealand media reporter has been taking part in Media Network (and its predecessor "DX Juke Box") for 20 years. We profile the man behind a monitoring team that has put Invercargill on the map. We look at why New Zealand is often termed the "best radio location in the world", and some of the facilities which the 600 strong member clubs have got at their disposal. The programme will include media news from the region, plus our regular propagation review.

Thursday: November 13th Media Network "Loopholes in Loops". With winter nights drawing in, its time to check the equipment for the listening period ahead. We review the medium wave spectrum in particular, and look at some of the loop designs designed for that part of the dial. Do loops work better than a decent outdoor antenna. And can the principle be applied to shortwave as well? The programme also includes a news update from Richard Ginbey, plus some musings from John Campbell of our "clandestine" editorial office.

Thursday: November 20th Media Network "News Update". Including last minute news from Andy Sennitt of the World Radio TV Handbook. They'll also be a look at new publications.

Thursday: November 27th Media Network "Amsterdam STAD". We visit Amsterdam's local radio station STAD. How can it compete with some 10,000 unlicensed stations currently active in the Netherlands, many of them in the capital city? How can one FM station serve all the minorities? How can it help solve some of the problems facing an international city like Amsterdam. Jonathan Marks talks to station personell, in our continuing series on regional radio in this part of Europe - the west coast! (originally scheduled for August, but delayed due to news story).

Friday ASIASCAN as on Wed, or THE FRIDAY REPORT, as on Wednesday; or on the 1630, 1830 and 2030 UTC transmissions only, AFRICAN PERSPECTIVE (working title) new Africa-orientated magazine programme with Veronica Wilson, replacing AFROSCENE.

Saturday SHORTWAVE FEEDBACK with Nevil Gray. Comments, questions, suggestions always welcome. You can write, or call the answer line--dial the international exchange code (e.g. 011 in USA, 010 in UK) then 31 for Holland, 35 for Hilversum, then 18700. You then have a sesquiminute to leave a message, which may be used on the air. Don't be nervous; we'll edit out any 'fluffs'.

Sunday 0400 & 0630 UTC only: SUNDAY SPOTLIGHT for Africa; all other transmissions HAPPY STATION, family entertainment from Tom Meyer in a unique style, 55 minutes.

RN English transmissions, as revised: 04-0425 ME/EAf F9895 F7175. 0630-0655 WAf F11930 F9895. 0730-0825 NZ B9630 B9715. 0830-0855 NZ B9630. 0830 SEAs M21485 M17575 -0925. 1030-1125 Au/Carib on B9650 B6020. 1130-1155 ME/As F15560 M21480 M17575. 1130-1225 Eu F17605 F9715 F5955. 1430-1525 SWAs on M17575 F15560 F13770 M11735 F5955. 1630-1725 S/EAf M15570 M6020. 1830-1925 S/CAf B21685 B17605 M9540 M6020. 1830-1925 Eu F6020. 2030-2125 WAf F11740 F9895 F9715 M9540. 0230-0325 ENAm B9590 F9895 B6165 B6020 [sic, means F6020]. 0530-0625 WNAm B9715 B6165. F=Flevoland, Netherlands; B=Bonaire; M=Madagascar. [Many transmissions from all 3 sites not beamed to North America are also audible here]

E G Y P T Hasn't a single RIB reader received Radio Cairo's current program schedule for English to North America at 0200-0330 on 9475 and 9675? Via WDXC Contact Sept, Edwin Southwell w/European svc--

Here is the latest programme schedule (July - December 1986) of a station that doesn't feature to often in these pages, namely R. CAIRO.

FIXED ITEMS
2117 News Headlines
2118 Oriental Music
2120 From Egyptian Press
2130 News
2145 Arabic Song (Tues and Thurs:2150)
2205 Today in History
2241 News Headlines
2243 Oriental music
A minute for Egypt (between Items)

MONDAY
2125 Egypt Today
2140 Egypt-Europe: Weekly Report
2150 You Ask .. We Answer
2210 Films and Plays
2225 Oriental Melodies

TUESDAY
2125 Here and There
2140 Spotlight on the M.E.
2155 World of Islam
2210 Cairo Magazine
2225 Down Memory Lane

WEDNESDAY
2125 AVisit to ...
2140 Commentary
2150 Reception Reports
2210 Cultural Life
2225 Music Around the World

THURSDAY
2125 Egypt's Who's Who
2140 Egypts Foreign Policy
2155 Tourism in Egypt
2210 Arabic Poetry
2220 Influence of Western Music on Oriental Music.

FRIDAY
2125 The True Face of Islam
2140 Diary of the Week
2150 Once Again On Air
2210 A Nile Cruise
2220 Scientific Life
2230 The Holy Koran and Its Meaning

SATURDAY
2125 Quiz Time (Part 1)
2140 Egypt and the World
2150 Quiz Time (Part 11)
2155 Stamp Collectors Club
2210 Cairo Chronicle
2225 A Theme in Songs

SUNDAY
2125 Sunday Talk
2140 Commentary
2150 Listeners Mail
2210 Ancient Egyptian Architecture
2220 The Religion ofIslam
2230 Album Review

R. CAIRO broadcasts daily to Europe from 2115 to 2245 GMT on 9805 kHz.

V A T I C A N Vatican Radio for July-August-September, probably still similar, including 2050 UTC to Europe on 6190, 7250, 9645; 0050 to America on 6030, 9605, 11845; 0310 testing on 6150. Alan Roe WDXC:

MONDAY: LETTERS OF CREDIT (September) Extracts from the letters of saints andseculars, people in different walks of life and from different centuries (St. Jerome, St. Bernard, St Teresa of Avila ...).

TUESDAY: TALKING POINT Round-table discussions with four-person panel (comprising a priest, a nun, a layman and laywoman) exploring topics suggested by the listeners.

WEDNESDAYS: THE POP AND THE PEOPLE A report on the Pope's weekly general audience and a feature which examines some aspect of his teaching.

THURSDAY: The programme alternates each week between the following:

STUDIO THREE An actuality programme offering in-depth analysis on topics of ethical, moral and social interest.

BETWEEN-THE-LINES A book review programme covering a variety of publications.

LETTER-BOX Replies to listener's letters and provides a behind-the-scenes look at Vatican Radio programming.

FRIDAY: THE CHURCH TODAY A weekly magazine programme giving behind the news coverage of events, discussions and debates within the church.

SATURDAY: WITH HEART AND MIND A programme of spiritual reflection in preparation for the Sunday liturgy.

SUNDAY: THE POPE, THE CHURCH, AND THE WORLD Our Sunday programme which centres on the Pope's message before the Angelus. The programme includes a THOUGHT FOR THE WEEK presented by a guest speaker.

T U R K E Y Voice of Turkey should now be at 2100 to Europe on 7215?, 2300 and 0400 NE America on 9560. 4th-quarter features following the daily NEWS: Mon ATATÜRK; Tue CYPRUS IN THE PAST, MUSIC; Wed LETTER BOX; Thu TURKISH ECONOMY; THE YESTERDAY AND TODAY OF TURKEY; Fri THE TURKS IN HISTORY, TURKISH ISLAMIC ARCHITECTURE; Sat OUTLOOK, DX CORNER, THE TURKISH ALBUM; Sun CULTURE AND ART / SELECTED EXAMPLES OF TURKISH MUSIC, TURKISH PANORAMA.

OLD-TIME RADIO (Harold Frodge, Aug ASWLC) 570 WKBN Youngstown OH; 780 WBBM Chicago IL (nightly? 01-02 UTC); 810 KCMO Kansas City MO; 910 KFYI Phoenix AZ; 1180 WHAM Rochester NY; 1210 WCAU Philadelphia PA; 1520 KOMA Oklahoma City (23-05 Sundays); 1600 WAAM Ann Arbor MI (0300 nightly). Who can add more?

Brisbane "Daily Sun" 23 Aug
(via Michael Byrne)

Blacks in TV licence row

A political furore erupted last night over the Federal Government's decision to award an Aboriginal group the commercial television licence for Central Australia.

The government hailed the decision as an "exciting advance" in the country's television history, but the Conservative parties condemned the move, saying it broke new ground in community diversiveness because it was made "on racial lines".

The uproar followed the announcement by Communication Minister Mr Duffy that the Australian Broadcasting Tribunal had awarded the licence to Imparja Television, sponsored by the Central Australian Aboriginal Media Association.

Imparja will provide commercial TV services to the remote population of Central Australia, 27 per cent of which is Aboriginal.

And from our Well, They've Had 40,000 Years To Think It Over file: The Australian aborigines are finally getting their own commercial TV network. And do you know what is one of the first programs they're expected to get when their Imparja network goes on the air in about 18 months? . . . WASHINGTON POST
"Dallas" . . . FROM KRAIG KRIST 8/26/86

GUATEMALA (Carl Huffaker, Mexico DF, August SPEEDX) The revolutions by radio--I remember three--take a definite pattern. First, there's military music, without announcements, and played over and over. If you hear this, check the other stations. It's a net, but not always the same. Then the announcement, "keep tuned for an important announcement," taped & replayed about every ten minutes. The next announcement gives a time and usually TV-2[?3] which is repeated at intervals. This is the crisis period of the revolution--the broadcasters, knowing that no Guatemalan can stand John Philip Sousa for too long, switch to marimba music! At the scheduled time, the President, or the new President depending on the success or failure of the coup, comes on the air (TV audio). This is repeated at intervals, and that's the revolution. Soon the stations return to normal programing and the DXer is left with tapes that somehow don't sound quite as dramatic as they did when he recorded them.

JAPAN (via Kraig W Krist) R Japan via Canada from Oct. 1 on 6120, 1030 in JP, 11-1130 in EG: NEWS, COMMENTARY, 1115: Sun DX CORNER; Mon JAPAN TRAVELOGUE, NIHONGO NEWS DIGEST; Tue ASIA NOW; Wed RADIO JAPAN JOURNAL; Thu ASIA NOW; Fri ONE IN A HUNDRED MILLION; Sat LET'S PRACTICE JAPANESE [all diff from RIB-111]. From 26/10 at 1130-1200 instead.

VOA station may jam millions of birds

THE JERUSALEM POST (August 9 via Hermod Pederson, Helsingborg, Sweden)

A hazard to the ecosystems of three continents is posed by the possible effects of emissions from the Voice of America relay station planned for the Arava on millions of migratory birds, *The Jerusalem Post* has learned.

Ecologists fear that the internal navigation systems guiding the birds on their annual flights between Europe, Asia and Africa could be "jammed" by the powerful electromagnetic radiation from the VOA station which will be adjacent to the narrow "fly way" north of Eilat through which the birds funnel.

Conservationists from the Society for the Protection of Nature fear that there may also be physical damage to the birds from the emissions. If the predatory birds from much of Europe and West Asia passing through the Arava funnel are harmed in large numbers, this could have widespread effects on ecosystems since the birds, which eat rodents, are an important part of the food chain.

The station will reportedly be the most powerful to be built outside the U.S. by the VOA. Its aim will be to penetrate Soviet jamming and reach audiences in Soviet Asia.

A cluster of antennas 70 stories high will impose a dominant new physical reality on the Arava and constitute environmentalists fear, a major landscape blight.

(Nowitz)

Despite the powerful impact of the project, however, it has been accepted in principle by the government without any public debate, and even environmentalists are unaware of what its implications will be.

The plan is to be reviewed by the National Planning Council which theoretically can kill it it did this once before when the Reading "D" electricity plant was proposed for Tel Aviv. The government at the time however, circumvented this action by pushing through special legislation in the Knesset authorizing the plant.

The agreement signed this week has also been criticized by officials in the Finance Ministry who say its terms are more suited to a Third World country than to one with Israel's technological sophistication. When a VOA transmission station was built in Britain, they noted, the entire job was left to the British.

The Society for the Protection of Nature has been pressing the Voice of America for information concerning the environmental impact of similar stations abroad. The agency has assured the society that there has been no damage to humans or animals in the vicinity of its stations. But it had no information to offer on the impact on migratory birds. Society officials say the Arava station is apparently the only one to be built along a major migratory route.

Although Environmental Impact Statements are required in the U.S. before facilities of this nature are permitted to be built, the VOA has apparently provided no such studies for its facilities abroad. An EPS is to be provided for the Arava facility by the special government unit created by the Communications Ministry to oversee its construction.

The lack of public reaction to the project is presumably due to almost total ignorance of its nature.

CANADA IDEAS on CBC Radio, 9:05 pm local time, AM & FM and 6160 kHz only on shortwave

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
SEPT. 29 SOCIAL ISSUES / NEW RESEARCH Redefining anger, social movements vs the party system, reconsidering the Kinsey scale, the psycho-economics of feeling underpaid, gossip tabloids as social control, and homesharing . . .	**SEPT. 30** THE SCHOOLS WE DESERVE Do schools exist to train workers or to liberate young minds? Or can they do both? These are old questions, now revived in an intense debate over secondary education in Canada and the United States. We listen to students, teachers and administrators, from a large urban high school (Part 1) and an elite boarding school (Part 2), talk about what their schools do and what they would like them to do. William Barker, Memorial University in St. John's	**OCT. 1** WOMAN AS PEACEMAKER Women are peaceful. On this basis, women have worked for peace and disarmament throughout this century. It was a bold stroke to take the domestic role of women into the political arena — to become housekeepers and moral guides to the world. But this stereotype also limits women and their peacemaking as much as it empowers them. We begin with the "myth" of the inherent peacefulness of women and the role of this myth in women's peace actions. Turning to women in power, women in armed struggle, military mothers and critics of women's peace politics, the myth breaks down. Finally, feminists and peace activists speculate on new ways of working for peace which must transform how we think about gender, motherhood and the division between men and women. Psychologist Adrienne Harris.	**OCT. 2** PLAY, PERFORMANCE AND POWER Magazines and television are devoted to it. Schools teach it to our children. Yet modern sport receives less critical attention than any other major social institution. Recently, a new wave of sport scholarship has begun to illuminate the significance of sport in North America. Drawing on this work, we'll show that sport is not mere play, but a product of our mass corporate culture. It reinforces the values of that culture — masculinity and competitiveness — and celebrates such traits as violence and aggression, which we often reject in other areas of life. And it is intensely political, as we'll see when we examine the Olympic Games which are touted to be "above politics." Toronto writer Varda Burstyn with sports sociologist Bruce Kidd
OCT. 6 FIRST EDITION On this first Monday in October, Ideas reports from two conferences called to resolve a decade-old controversy: What is the connection between high-voltage power lines and cancer?	**OCT. 7**	**OCT. 8**	**OCT. 9**
OCT. 13 COUNTING THE COSTS: THREE MILE ISLAND / 1 This documentary reconstruction follows events that began in the predawn hours of March 28, 1979, and eventually added $130 billion to U.S. electric bills.	**OCT. 14** COUNTING THE COSTS: THREE MILE ISLAND / 2 The accident at the Three Mile Island nuclear power plant is reconstructed from eyewitness accounts, 50,000 pages of testimony, and 5 official inquiries.	**OCT. 15**	**OCT. 16**
OCT. 20 COUNTING THE COSTS: FROM CHALK RIVER TO CHERNOBYL The fiery destruction of the Soviet atomic reactor at Chernobyl shows how widespread the effects can be from a serious nuclear accident. What's next?	**OCT. 21** COUNTING THE COSTS: DARLINGTON AND DECOMMISSIONING While Ontario Hydro plans for its $11 billion Darlington reactor, other utilities are planning to take their plants out of service. Who will pay?	**OCT. 22** THE REASON WHY: THE ROOTS OF MILITARY INCOMPETENCE How can bright people sometimes be so stupid? Is it really stupidity? IDEAS host Lister Sinclair and Norman F. Dixon, author of *On the Psychology of Military Incompetence*.	**OCT. 23** ON SOCIALISM, SEX AND SALVATION G. K. Chesterton debates G. B. Shaw in a sparkling display of wit, charm, humour and intelligence. IDEAS host Lister Sinclair — as Hilaire Belloc — referees.
OCT. 27	**OCT. 28**	**OCT. 29**	**OCT. 30**

THURSDAY	
SEPT. 26 C. G. JUNG: A RETROSPECTIVE Carl Gustav Jung was born in Kesswil, Switzerland over one hundred years ago. He began his work in psychiatry in the early part of the century, when psychiatry and psychology were in their infancy. And he helped bring about a revolution in them both, reshaping concept and treatment in new and startlingly original ways. Jung met Freud, learned from him, and broke with him in 1913. In the breach, he became his own man, and Jung's own psychology emerged, indebted to psychoanalysis, but still uniquely itself. To Jung we owe our understanding of introversion and extroversion, of individual type and universal archetype, of an unconscious that is timeless at the heart of everyday life. We look at the life and work of C. G. Jung, through the views of analysts and friends. And we hear Jung himself, in rare recordings made before his death in 1961 at the age of 86, talk about his life and Jungian theory. Toronto writer Marilyn Powell
OCT. 3
OCT. 10
OCT. 17
OCT. 24 THE GRAHAM SPRY LECTURE A new IDEAS feature: the first annual Graham Spry Lecture in Culture and Communications. This year by **Mavor Moore**.
OCT. 31

THE 1986 MASSEY LECTURES BY HARRY J. BOYLE: GROWING UP WITH CANADA

"As Canadians we have accomplished a great deal in a liberal, political culture. There is a Canadian ethos, but it is conditioned by America. And we fear America. Not Americans individually, but the collectivity of America with its self-imposed burden of being a conscience for the world. Americans see the world as a rather simple place which is aching to acquire the benefits of what they have hypnotized themselves into believing is the only way of existing."

Harry J. Boyle

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	
NOV. 3 TURNING POINTS IN PUBLIC BROADCASTING: THE CBC AT 50 Power. Politics. Ideology. Money. All have played a part in shaping the CBC. We examine critical moments in its life as the CBC celebrates its fiftieth anniversary. We begin with the coalition of forces that brought the CBC into being. What did the government of R. B. Bennett and the organizations which supported public broadcasting have in common? And how did CBC programs in the 1930s and 40s reflect these interests? The CBC was both broadcaster and regulator. The Broadcasting Act of 1958 changed that. It stripped the CBC of its regulatory role and paved the way for private television. How did this affect the CBC's fortunes? We discuss the controversy over *This Hour Has Seven Days*, which made broadcast journalism a force to be reckoned with and set a new course for current affairs broadcasting. Finally, we look at the dilemma the CBC faces today: providing a public broadcasting service at a time of reduced government funding, and rapid social, economic and technological change. IDEAS writer David Cayley	**NOV. 4** THE VIEW FROM CENTRAL EUROPE Hungary in 1956, Czechoslovakia in 1968, Poland in 1981. On the 30th anniversary of the first Soviet intervention in Central Europe, we begin a series on the strategies for cultural survival that have emerged in the area. Part 1: *The Post-Totalitarian State*. Historian **Jan Fedorowicz**, sociologist **Ioan Davies** and writer / translator **Paul Wilson** discuss the key issues facing Central Europe, caught between its western cultural roots and Soviet control. Part 2: *Doing it Yourself*. **Ioan Davies** on the dynamic, innovative society being created in Hungary. Part 3: *Thoughts from Inside a Well-Corked Bottle*. **Paul Wilson** on recent developments in the Czech dissident movement. Part 4: *Solidarity Five Years After*. **Jan Fedorowicz** on the survival of the Solidarity trade union movement in Poland.	**NOV. 5** ON THE LINE: A JOURNAL OF EXPLORATION ALONG THE CANADA - U.S. BORDER It's known simply as "the line." Nine thousand kilometers long, marked by cast iron and granite monuments, it cuts across a continent marking where we, Canada, end and they, the United States, begin. And it's all undefended — on our side, at any rate. The line is more than just a physical reality. It's a symbol as well, and its folklore, accumulated over decades, reflects much about our respective national characters. In this four-part series, freelance broadcaster **Marian Fraser** travels from the Saint John River Valley in New Brunswick to the Alaskan Panhandle, from the often comic history of boundary disputes through the rich memories of border inhabitants, and into the contemporary political and cultural issues that surround our international boundary. She examines the historical and contemporary connections between the border itself and the abstract games of borderline diplomacy played by the Canadian and American governments.	**NOV. 6** COMPLEXITY AND MANAGEMENT "From time to time in the management of any enterprise it is wise to reassess its objectives and compare them to what is really going on. The extraordinary complexity and vertical divisions into a vast array of massive and minor institutions . . ." These words began the Neilsen Task Force report on "New Management Initiatives." How *is* complexity managed? Can all processes be successfully subdivided? Ursula Franklin, University of Toronto	**NOV. 7** THE NEW WARRIORS The Executioner, the Destroyer, the Penetrator, the Survivalist — they're all members of a new breed of fictional heroes fighting the ills of modern society. Since the 1970s, these raging one-man armies have quietly invaded North American bookstores and the popular imagination. What makes this type of fantasy so compelling? We examine the industry that creates action / adventure fiction, the books themselves, and the reasons for their growing appeal. Toronto editor Sandra Rabinovitch
NOV. 10	**NOV. 11**	**NOV. 12**	**NOV. 13**	**NOV. 14**
NOV. 17	**NOV. 18**	**NOV. 19**	**NOV. 20** BEYOND FINGERS AND THUMBS You can count on this one. IDEAS host Lister Sinclair in conversation with Michael R. Williams, author of *A History of Computing Technology*.	**NOV. 21** RIBBONS OF STEEL: RAILROADING IN CANADA Nothing symbolizes Canada quite as well as its railways. From primitive beginnings 150 years ago, the Canadian railway system grew to become a complex, if not always cohesive, network of steel highways that pierced the hinterland and opened up the country. A simple principle made the railways the major force in developing Canada's natural, Industrial and human resources — steel wheels on steel rails. The railways were an important part of our past.
NOV. 24	**NOV. 25**	**NOV. 26**	**NOV. 27** THE RED SEA CROSSING After the descendents of Abraham in the household of Jacob (also known as Israel) had settled in Egypt, they were conscripted to forced labour for the Pharaoh. During a series of plagues the Israelites escaped.	**NOV. 28**
			DEC 4	**DEC 5**

C H I N A Radio Beijing Features for October 1986

Fri 3 - PROFILE: Chen Gendi, taxi driver--the happiness & frustrations she finds in her work

Sat 4 - CHINESE FOLKTALES: Sightseers in Guilin, one of China's most famous scenic cities, may notice what appears to be a giant elephant standing sentinel at the spot where the Lijiang and Yangjiang meet. In fact, it is not a real elephant. It is known to locals as "Elephant Trunk Hill".

Suns 5, 12, 19, 26 - MUSIC ALBUM: a six-part series introducing the Chinese orchestra, its special instruments and their sounds

Sat 11 - MUSIC FROM CHINA: The Leiqin is an enigmatic Chinese musical instrument that can imitate the human voice. You'll hear the Leiqin say "hello"

Thu 16 - CHINA IN CONSTRUCTION: Ningbo, a port city in Zhejiang province is ideally located within the east China economic zone. Currently the city is putting to good use its foreign investment and imported technology. Efforts are also being made to upgrade the city's existing enterprises and in particular to improve its telecommunications and transport system. Ningbo: a jewel by the E China C

Sun 19 - CHINA ANTHOLOGY: Lu Xun was a great Chinese writer, thinker and revolutionary who died early this century. His concern was always the Chinese people's desire for progress and revolution, & their final liberation. Lu Xun was the forerunner of China's national culture. A brief account of Lu Xun's life and works on the 50th anniversary of his death.

LISTENERS' LETTERBOX: In recent years, China's agricultural system has undergone major reform designed to introduce modern methods of farming. Already the results are impressive. We'll tell you more about the improvement of farming technology in China's countryside. 11 on 9535, 12 9535 and 11650, 00 15445.

H U N G A R Y R Budapest HUNGARIAN HISTORY new times: Tue 19 Eu; Tue/Fri 2230 LAm; UTC Wed/Sat 0130 & Mon 0400 NAm:

From September 30th to October 6th

The Conquest of the Carpathian Basin by seven Hungarian tribes under the leadership of Prince Árpád, a process that ended in 896. The peoples the Hungarians found within the Carpathians. Hungarian horsemanship and warfare. Magyar raids carried out from the Basin to the south as far as today's Istanbul and to the heart of today's Switzerland. Disastrous defeats the raiders suffered at the hands of the Germans in 933 and 955.

From October 7th to October 13th

The portrait of a noted student of Hungarian history: Professor Gyula László. His life and works. Through studies he made into the early history of the Hungarians and Hungary: the Conquest of the Carpathian Basin, the Hungarian's warfare and raids and the early rulers of the Árpád dynasty. A novel approach to the nation's history.

From October 14th to October 20th

Hungarians at the crossroads in the second half of the 10th century: assuming Christianity and relinquishing heathen traditions, joining the main stream of Europe, adopt feudalism and survive, or retaining plundering raids and the semi-nomadic way of life and perish. The firm handed man who solved the vital problem: King István I, Hungary's first monarch and founder of the state and church in this country. His image to the present day.

From October 21st to October 27th

Franz Liszt, the great Hungarian composer. His ancestors and early youth: the juvenile wonder pianist. Liszt, the celebrated young composer. His loves and works. Franz Liszt's relations with contemporary music and musicians and with his native country. The influence Hungarian music had on the outstanding composer (his Hungarian Rhapsodies) and vice versa. The programme commemorates the 175th anniversary of Liszt's birth.

From October 28th to November 3rd

Anarchy in the wake of Hungary's first king: István I. Rival rulers an their supporters changing sides. The German threat and the increasing influence of the Holy Roman Empire. Christianity gaining the upper hand in the struggle against repeated pagan revolts. Fresh threat from south-east: the last waves of the Great Migration reaching Hungary's borders and the man meeting it: King László I, the Knightly ruler.

SUNDAY MORNING (1311 UTC on 17820 15440
Host Linden MacIntyre 11955 11720 9625)

Sundays, 9.11 a.m. (10.11 AT, 9.41 NT), Radio (see cover)

TO SAY THAT JOURNALIST Linden MacIntyre has excellent credentials is, at best, an understatement. In the twenty-two years that he's worked in newspapers and television, the Cape Breton native has been a parliamentary correspondent and roving Maritime correspondent for the Halifax *Chronicle-Herald* and a business reporter for the *Financial Times of Canada*. He has hosted his own Maritime current affairs television program, *The MacIntyre File*—one of which won an ACTRA award for outspoken opinions and integrity—and was hired, along with Ann Medina and Peter Kent, as one of the first correspondents on CBC-TV's *The Journal*. Most recently, MacIntyre has been named the sole host of *Sunday Morning*—a move that marks a new direction for him and a radical departure for the program.

"We're moving toward a show that puts more emphasis on the host," says executive producer Norm Bolen. "At the same time we don't want to water down the content. That's why we went for someone with tremendous journalistic ability."

Along with his responsibilities as host, MacIntyre, forty-three, will also be the program's national affairs producer. He'll write many of his own scripts and produce studio-based and field documentaries. "The big challenge for me," he says, "will be to communicate in what is essentially a single dimension. In radio, how you use the voice and how you choose words become very, very critical to the process.

"I am *really* looking forward to this," he adds. "*Sunday Morning* has always been one of those institutions we look up to. It has been a program of record on radio."

(The German Tribune, 13 July 1986, via Richard E Wood, Hilo HI)

German media coverage upsets Soviets

In his mid-May Chernobyl speech the Soviet leader, Mr Gorbachov, accused only the United States and the Federal Republic of having deliberately capitalised on the reactor accident at the Soviet Union's expense.

At the Cologne headquarters of *Deutsche Welle*, the German short-wave radio station, programme staff can well account for the Soviet leader's ire.

As the Soviet government newspaper *Izvestia* complained, in the weeks that followed the reactor accident "radio activity" from the Federal Republic was strongest.

This variety of fallout was much stronger from the Federal Republic than in broadcasts from Britain or France, which tended to play Chernobyl down.

Deutsche Welle, the Voice of Germany, was bound to deal in its programmes with the highly-charged response to the situation in the Federal Republic.

By the terms of its charter its task is to give listeners abroad a comprehensive view of political, economic and cultural life in Germany and to outline and explain German views on major issues.

That is exactly what the Cologne station did, leading inevitably to detailed treatment of Chernobyl and its repercussions.

An extra factor of a technical nature led to the Russian programme being heard by more listeners in the Soviet Union from roughly the time of the accident.

Since the beginning of March the *Deutsche Welle* Russian service has been transmitted on two new frequencies, increasing the total to six, which are clearly harder to jam than four.

Besides, since the beginning of March the *Welle* has switched transmission times. The Russian service is now on the air for three and a half hours every evening, with newscasts repeated at regular intervals.

There is also a 50-minute night programme beginning at half past midnight that is hard to jam for physical reasons, with the result that reception is fairly good in Moscow.

This combination of factors accounts for the special irritation felt by Soviet officials about "radio activity from the Federal Republic" in connection with the reactor accident.

At the same time it disproves the baseless Soviet suspicion that Bonn was ordered by Washington to sound the trumpet of anti-Sovietism on the Rhine with the alleged objective of bringing Soviet peace policy into discredit.

Or so Radio Moscow said in a German-language broadcast.

The Voice of Germany's Russian programmes did not include (not even by quoting others) sensational reports of thousands dead after the accident.

It was only too clear in Cologne that on Sunday there could only have been about 150 staff on duty in the Chernobyl reactor complex.

But German short-wave broadcasts in Russian carried reports, in keeping with the station's brief, on official precautions in the Federal Republic.

Russian listeners were told, for instance, that people in the Federal Republic had been warned not to eat fresh vegetables and that a ban had been imposed on food imports from the socialist states.

So Soviet listeners will have been able to judge the level of alarm in the Federal Republic.

Quotations from West German newspapers will also have made it clear how incensed German opinion was at not having been informed about the extent of contamination by the Soviet Union.

Deutsche Welle has always quoted leading German newspapers in its What The Papers Say broadcasts, and in connection with Chernobyl this practice proved particularly important.

A *Neue Ruhr-Zeitung* editorial dealing with a Soviet TV broadcast from the hospital where the worst-affected fallout victims were undergoing treatment was quoted at length.

"The people dragged before the cameras are victims in a twofold sense," the newspaper said. "They must pay with their lives for the carelessness of others who were to blame for the nuclear fiasco.

"What is more, as though that were not enough, a power that makes a mockery of respect for human dignity is misusing them as an alibi, suggesting that medical care is perfect."

A commentary of this kind is unlikely to have prompted more than a sage and approving nod of the head in Germany, but in the Soviet Union it will have been much more effective.

Listeners have been helped to gain a clearer objective idea of the situation by detailed debates with scientific experts, including staff of the Karlsruhe nuclear research establishment.

Deutsche Welle feels that programmes of this kind broadcast by Western radio stations were instrumental in bringing about an improvement in the quantity and quality of Soviet media treatment of the reactor accident.

Under pressure from Western radio stations the Soviet authorities were forced gradually to own up to the truth about Chernobyl, which will definitely not have been what was initially intended and ran counter to all previous practice.

Although it will be several months before detailed Western analysis of the effect of Western post-Chernobyl broadcasts to the Soviet Union has been completed (and no analysis can be expected to indicate more than tendencies), it is clear that the credibility of Western broadcasts has been enhanced. Listeners were able this time to see for themselves who told them the truth and who was first to do so. Soviet leaders naturally see this as anti-Soviet activity and, in a way, they are right.

Ernst-Otto Maetzke

(Frankfurter Allgemeine Zeitung für Deutschland, 16 June 1986)

RADIO BROADCASTS FROM THE POPULAR ALLIANCE OF RUSSIAN SOLIDARISTS (NTS)

The first NTS radio station, using a portable easily dismantled transmitter, started broadcasting just after the war from a three-room flat near Berlin. It broadcast on the frequencies used by army portable radios.

However, NTS radio broadcasts soon developed far beyond those amateur beginnings in Germany. Soon the call-sign of Radio Free Russia - an excerpt from Tchaikovsky's Fifth Symphony - began to ring out over the airwaves, and continued to do so until 1976. For a number of years this station, mounted on the back of a lorry, roamed the forests of Europe, changing its transmitting location every day. Every day, winter and summer, in snow or heavy rain, the radio operators would string up their antenna from the top of a tree and embark upon a ten-hour duel with dozens of jammers. 15-20 km away, a "monitor" would sit in a car, following the jammer on a cathode screen as it searched for the NTS broadcasts. As it got nearer, war was declared! "Five to the right," the monitor would say over the radio telephone, "three more to the right," and Radio Free Russia would move to one side, beating the unsilenceable jammers for 3 or 4 minutes.

The radio station gradually increased its power and stopped being mobile. In a secluded corner of Europe, far from populated areas, broadcasts would go out from a wooden hut. The operators lived in the same hut. High directional antennas concentrated the signal to the east, as far as the Urals; we had confirmation of our signals from all over European Russia. The NTS also broadcast to Siberia from Taiwan; here broadcasts were shorter, half an hour a day, broadcast on five frequencies from powerful transmitters.

However, with the changing political climate in favour of detente, pressure was brought to bear on the NTS to stop its anti-Soviet activities, and this pressure forced us to concentrate on more direct personal links with Russia rather than radio broadcasts, leaflet-carrying balloons, etc. As a result, Radio Free Russia had to close ten years ago, and there was an end to another chapter in the history of clandestine radio. The NTS continues, but without its message being heard over the ether.

(World DX Club Contact, August 1986)

(Translated from "At Russia's Service," a Russian leaflet published by the dissident emigre organisation the Popular Alliance of Russian Solidarists - Russian initials NTS - by Jeremy Harris, WDXC 1075, Newquay, Cornwall).

UKOGBANI (The Observer, 3 August via Peter James, NS)

BBC TV set to take on the world

RICHARD BROOKS
■ Media Editor

A BBC 'World Service' television channel could be launched next year. Pilots of half-hour news programmes have been made at Television Centre in the past few weeks in a joint project between the World Service, based at Bush House, and the television service.

A feasibibity report is being compiled and will go to the BBC board of management later this month. The report will support the idea that it is important for the BBC to become involved in the next stage of broadcasting —satellite TV.

The report will also show that there is a potential market for such a service, particularly as the BBC has a world-wide reputation for its new through the Bush House broadcasts.

Initially World News, as it is being called, would be available to other world-wide broadcasting organisations, cable operators or businesses. It could start as a six- or 12-hour service, rather than 24 hours, such as Ted Turner's Cable News Network.

However, by the 1990s World News could be seen by millions of viewers with their own satellite dishes or on cable in much the same way that the World Service is picked up by millions of transistors around the globe. World News would supplement World Service radio broadcasts.

Already both America and France have set up similar projects. However, the Voice of America's Worldnet, and the French service, which goes primarily to French-speaking Africa, are regarded more as propaganda stations. World News would capitalise on the World Service's objective global news reporting.

The programme contents for World News would come from both the BBC's own staff and TV film footage, and from contributions from associated networks such as NBC in America, Eurovision and Visnews.

The pilots have looked similar in shape and length to the Six or Nine O'clock News bulletins, with about 15 to 20 items. If and when the project goes ahead, bulletins would be repeated and updated every few hours.

The main hurdle is finance. Cash cannot come from the licence fee. The alternatives are extra funding from the External Services' grant-in-aid from the Foreign Office (now about £90 million), or money from those taking the service.

The BBC project might cost between £5 million and £10 million a year to run. Such a figure compares with a £20 million proposal announced last week by ITN, which is to offer a 24-hour news channel to potential operators of Britain's direct broadcasting by satellite (DBS) service.

The Independent Broadcasting Authority is due to hand out licences to would-be operators by the end of the year. The ITN plan offers news, current affairs, Parliament and some sport, and would be ready for the DBS service by about 1989.

(via David R Hughes, VA) From Sept. 29 American Public Radio (of PRAIRIE HOME COMPANION, ST PAUL SUNDAY MORNING and CBC SUNDAY MORNING fame) is making available satellite feeds of BBCWS news and related programmes 24 hours a day! Unfortunately, all BBC feature and entertainment programming is blocked off, but you may want to lobby your local public radio station to carry some of BBC's news and current affairs programmes

Closing date for 112-113: 25 Sep 86

YOUR GUIDE TO WORLD SERVICE LISTENING

Special programmes for ■ AFRICA ► SOUTH ASIA

Day to day

FOR OFFICE USE ONLY

Cols. 1 | 2-5 | 6 - 11. | 12. | 13.

1 [ ][ ][ ][ ] [ ][ ][ ][ ][ ][ ] [ ] [ ]

BBC WORLD SERVICE LISTENING DIARY
25th - 31st October 1986

Please put a cross in the box next to each programme you hear during the week **25th - 31st October 1986**. At the end of the week answer the questions below and send the diary, marked **London Calling Diary**, to one of the addresses on page 10 or direct to us at PO Box 76, Bush House, Strand, London, WC2B 4PH.

Listeners in Africa and Asia should be careful to distinguish between their regional alternatives and mainstream World Service.

Everyone who returns a properly completed diary will be entered into a draw with goods from our shop, BBC World, as prizes. Good listening!

Name: .....

Address: .....

.....

.....

Telephone number: .....

What is your nationality?

.....

14. Male..... [ ]
Female..... [ ]

15. Age in years..... [ ][ ]

16. What is your highest level of education?
Primary..... [ ]
Secondary..... [ ]
Further education but not degree..... [ ]
University..... [ ]

17. When did you first listen to the World Service?
In 1986..... [ ]
Between 1984 - 1985..... [ ]
Between 1980 - 1983..... [ ]
Before 1980..... [ ]
Don't remember..... [ ]

18. Do you listen to the World Service to improve or keep up your English?
Yes [ ] No [ ]

19. Which of the following wavebands does your radio have?
VHF/FM [ ] SW [ ] AM/MW [ ] LW [ ]

20. If your radio has shortwave, which bands does it have?

Metres	MHz		Metres	MHz	
11	26	[ ]	31	9	[ ]
13	21	[ ]	41	7	[ ]
16	17	[ ]	49	6	[ ]
19	15	[ ]	75	4	[ ]
25	11	[ ]			

21. Which of the following do you have access to?
Television [ ] Video cassette recorder [ ] Satellite dish [ ]
Cable broadcast system [ ] Audio cassette player [ ]

22. Would you be prepared to take part in further research?
Yes [ ] No [ ] ■

Saturday

October 4 11 18 25

39
0000 World News
09 News about Britain
15 Radio Newsreel
30 About Britain
45 Recording of The Week

0100 Outlook, opening with News Summary
30 Folk in the Modern World
45 ***4th*** and ***11th:*** Women at the Top; ***18th*** and ***25th:*** Nature Notebook
► 45 South Asia Survey

40
0200 World News
09 British Press Review
15 Network UK
► 15 Radio Newsreel
30 People and Politics

41
0300 World News
09 News about Britain
15 The World Today
30 Afro Beat Box (ex ***4th:*** Quote, Unquote; ***11th*** Unsung Heroes)
■ 30 African News
■ 35 This Week

42
0400 Newsdesk
30 Here's Humph!
45 Reflections
50 Financial News

43
0500 World News
09 Twenty-Four Hours: News Summary
■ 09 African News
■ 15 This Week
30 About Britain
■ 40 The Time of My Life
45 The World Today

44
0600 Newsdesk
30 Meridian
■ 30 African News
■ 35 This Week

45
0700 World News
09 Twenty-Four Hours: News Summary
30 From the Weeklies
■ 30 African News
■ 35 This Week
45 Network UK

0800 World News
09 Reflections
15 A Jolly Good Show

46
0900 World News
09 British Press Review
15 The World Today
30 Financial News followed by Look Ahead
45 About Britain

1000 News Summary
followed by Here's Humph!
15 Letter from America
30 People and Politics

47
1100 World News
09 News about Britain
15 ***4th*** and ***11th:*** English Miniatures; ***18th*** and ***25th*** European Cabaret Songs
30 Meridian

1200 Radio Newsreel
15 ***4th*** and ***11th:*** Anything Goes: ***18th*** and ***25th:*** Multitrack
45 Sports Round-up

48
1300 World News
09 Twenty-Four Hours
30 Network UK
45 Country Style

1400 News Summary
followed by Saturday Special

1500 Radio Newsreel
■ 00 Talk About Africa
15 Saturday Special

49
1600 World News
09 Commentary
15 Saturday Special

50
1700 World News
09 Book Choice
■ 09 African News
15 Album Time
■ 15 Talk About Africa
45 Sports Round-up

1800 Newsdesk
30 ***4th*** and ***11th***; People and Politics; ***18th*** and ***25th:*** Edmund Rubbra

51
1900 News Summary followed by Play of the Week **(ex *4th*** Classic Pop Concert); ***11th:*** Random Moments in a May Garden; ***18th:*** Abigail's Party; ***25th:*** Black Snow

2000 World News
09 Twenty-Four Hours: News Summary
30 Jazz for the Asking

2100 News Summary followed by: Historians
15 Sounds of the Sixties (ex ***4th:*** What's New)
30 People and Politics

52
2200 World News
09 From Our Own Correspondent
30 New Ideas
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 ***4th*** and ***11th:*** Women At the Top; ***18th*** and ***25th:*** Nature Notebook
30 Anything Goes (ex ***4th:*** Unsung Heroes)

Sunday

October 5 12 19 26

53
0000 World News
09 News about Britain
15 Radio Newsreel
30 Edmund Rubbra (ex ***5th:*** Sunday Service; ***12th:*** Talking About Music)

0100 News Summary followed by: Play of the Week (ex ***5th:*** Classic Pop Concert); ***12th:*** Random Moments in a May Garden; ***19th:*** Abigail's Party; ***26th:*** Black Snow

54
0200 World News
09 British Press Review
15 ***5th*** and ***12th:*** Lake Wobegon Days; ***19th*** and ***26th:*** Chesterton
► 15 Radio Newsreel
30 Album Time

55
0300 World News
09 News about Britain
15 From Our Own Correspondent
30 My Music
■ 30 African News
■ 35 Postmark Africa

56
0400 Newsdesk
30 Juke Box Dury
45 Reflections
50 Financial Review

Day to day

Special programmes for ■ AFRICA ► SOUTH ASIA

0500 World News
09 Twenty-Four Hours: News Summary
■ 09 African News
■ 15 Postmark Africa
30 Lyrics and Lyricists
■ 40 Name in the News
45 Letter from America

0600 Newsdesk
30 Jazz for the Asking
■ 30 African News
■ 35 Postmark Africa

0700 World News
09 Twenty-Four Hours: News Summary
30 From Our Own Correspondent
■ 30 African News
■ 35 Postmark Africa
50 Waveguide

0800 World News
09 Reflections
15 The Pleasure's Yours
■ 15 Blueprint Africa
■ 30 African Perspective

0900 World News
09 British Press Review
15 Science in Action
45 Historians

1000 News Summary followed by: Short Story
15 Classical Record Review
30 Religious Service

1100 World News
09 News About Britain
15 From Our Own Correspondent
30 Edmund Rubbra (ex ***5th:*** Classic Pop Concert; ***12th:*** Talking About Music)

1200 News Summary (ex ***5th***) followed by Play of the Week; (ex ***5th:*** Classic Pop Concert contd.); ***12th:*** Random Moments in a May Garden; ***19th:*** Abigail's Party; ***26th:*** Black Snow

30 (***5th*** only) Growing Points in Science
45 (***5th*** only) Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Sports Round-up (ex ***5th***: Globe Theatre: An Enemy of the People)
45 The Sandi Jones Request Show including at 1400 News Summary (ex ***5th***: Globe Theatre contd.)

1430 The Betrothed (ex ***5th***: Globe Theatre contd.)

1500 Radio Newsreel
■ 00 African Perspective
15 Concert Hall (ex ***5th:*** Sportsworld)

1600 World News
09 Commentary
15 ***5th***: The Domesday Book – 900 Years On; ***12th***: Engineering at the Sharp End; ***19th:*** Craft for Cash; ***26th:*** The Witch Report
45 Letter from America

1700 World News
09 Reflections
■ 09 African News
15 Meridian
■ 15 African Perspective
45 Sports Round-up

1800 Newsdesk
30 Quote, Unquote (ex ***5th:*** Globe Theatre: An Enemy of the People)

1900 News Summary (ex ***5th***) followed by Classical Record Review (ex ***5th***: Globe Theatre contd.)
15 I Claudius (ex ***5th***: Globe Theatre contd.)

2000 World News
09 Twenty-Four Hours: News Summary
30 Sunday Half Hour

2100 News Summary followed by: Short Story
15 The Pleasure's Yours
■ 15 Postmark Africa
■ 40 Book of the Day
■ 45 Arts and Africa

2200 World News
09 ***5th*** and ***12th***: Lake Wobegon Days, ***19th*** and ***26th***: Chesterton
25 Book Choice
30 Financial Review
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letter from America
30 Taking the Waters (ex ***19th***: The Big Bang at the Stock Exchange; ***26th***: Television Began Here)

Monday

October 6 13 20 27

0000 World News
09 News about Britain
15 Radio Newsreel
30 Religious Service (ex ***6th***: Globe Theatre: An Enemy of the People)

0100 News Summary (ex *6th*) followed by I Claudius (ex ***6th***: Globe Theatre contd.)

45 Eric Coates (ex ***6th***); Globe Theatre (contd.)

0200 World News
09 British Press Review
15 Peebles' Choice
► 15 Radio Newsreel
30 Science in Action

0300 World News
09 News about Britain
15 Good Books
30 Anything Goes
■ 30 African News
■ 35 Network Africa

0400 Newsdesk
30 For Whom the Bell Tolls (ex ***27th***: Scoop)
45 Reflections
50 Waveguide

0500 World News
09 Twenty Four Hours: News Summary
■ 09 African News
■ 15 Network Africa
30 ***6th*** and ***13th***: Women At the Top; ***20th*** and ***27th***: Nature Notebook
■ 40 Book of the Day
45 Recording of the Week

0600 Newsdesk
30 Taking the Waters (ex ***20th***: The Big Bang at the Stock Exchange; ***27th***: Television Began Here)
■ 30 African News
■ 35 Network Africa

0700 World News
09 Twenty-Four Hours: News Summary
30 The Betrothed (ex ***6th:*** Sarah and Company)
■ 30 African News
■ 35 Network Africa

0800 World News
09 Reflections
15 For Whom The Bell Tolls (ex ***27th***: Scoop)
30 Anything Goes

0900 World News
09 British Press Review
15 Good Books
30 Financial News followed by Look Ahead
45 Peebles' Choice

1000 News Summary
followed by Taking the Waters (ex ***20th***: The Big Bang at the Stock Exchange; ***27th*** Television Began Here)
30 ***6th*** and ***13th***: Unsung Heroes; ***20th*** and ***27th***: Afro Beat Box

1100 World News
09 News about Britain
15 Training For Tomorrow
30 Album Time

1200 Radio Newsreel
15 Quote, Unquote
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 The Savoy Operas

1400 Outlook, opening with News Summary
45 ***6th*** and ***13th***: Lake Wobegon Days; ***20th*** and ***27th***: Chesterton

1500 Radio Newsreel
15 Taking The Waters (ex ***20th***: The Big Bang at the Stock Exchange; ***27th***: Television Began Here)
■ 15 Focus on Africa
45 Sounds of the Sixties (ex ***6th***: What's New)

1600 World News
09 Commentary
15 John Bull's Other Islands (ex ***27th:*** Success Story)
■ 15 Focus on Africa
30 ***16th*** and ***13th:*** English Miniatures; ***20th*** and ***27th***: European Cabaret Songs
■ 30 Sporting Life
45 The World Today

1700 World News
09 Book Choice
■ 09 Focus on Africa
15 My Music
■ 25 African News
■ 30 Sporting Life
45 Sports Round-up

1800 Newsdesk
30 Multitrack (ex ***6th***: Play: Without Fire)

1900 Outlook, opening with News Summary
39 Stock Market Report
45 Peebles' Choice

2000 World News
09 Twenty-Four Hours: News Summary
30 Sports International

2100 News Summary
followed by: Network UK
15 ***6th*** and ***13th*** English Miniatures; ***20th*** and ***27th***: European Cabaret Songs
30 Afro Beat Box(ex ***6th:*** Counterpoint; ***13th:*** Unsung Heroes)

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 John Bull's Other Islands (ex ***27th:*** Success Story)
30 Multitrack (ex ***6th***: Quote, Unquote)

YOUR GUIDE TO WORLD SERVICE LISTENING

Day to day

Special programmes for ■ AFRICA ► SOUTH ASIA

Tuesday

October 7 14 21 28

85 0000 World News
09 News about Britain
15 Radio Newsreel
30 The Savoy Operas (ex ***7th***: Sarah and Company)

0100 Outlook, opening with News Summary
30 Short Story
45 John Bull's Other Islands (ex ***28th:*** Success Story)
► 45 The World Today

86 0200 World News
09 British Press Review
15 Network UK
► 15 Radio Newsreel
30 Sports International

87 0300 World News
09 News about Britain
15 The World Today
30 John Peel
■ 30 African News
■ 35 Network Africa

88 0400 Newsdesk
30 Eric Coates
45 Reflections
50 Financial News

89 0500 World News
09 Twenty-Four Hours: News Summary
■ 09 African News
■ 15 Network Africa
30 New Ideas
40 Book Choice
■ 40 Book of the Day
45 The World Today

90 0600 Newsdesk
30 Rock Salad (ex ***7th:*** Counterpoint)
■ 30 African News
■ 35 Network Africa

91 0700 World News
09 Twenty-Four Hours: News Summary
30 John Bull's Other Islands (ex ***28th:*** Success Story)
■ 30 African News
■ 35 Network Africa
45 Network UK

92 0800 World News
09 Reflections
15 Training For Tomorrow
30 Symphony For Four (ex ***7th:*** Aberdeen International Youth Festival)

93 0900 World News
09 British Press Review
15 The World Today
30 Financial News followed by: Look Ahead
45 Sounds of the Sixties (ex ***7th:*** What's New)

94 1100 World News
09 News about Britain
15 Waveguide
25 A Letter from Scotland
30 Sports International

1200 Radio Newsreel
15 Multitrack (ex ***7th:*** The Domesday Book – 900 years on)
45 Sports Round-up

95 1300 World News
09 Twenty-Four Hours: News Summary
30 Network UK
45 Recording of the Week

1400 Outlook, opening with News Summary
45 Eric Coates

1500 Radio Newsreel
15 A Jolly Good Show
■ 15 Focus on Africa

96 1600 World News
09 Commentary
15 Omnibus
■ 15 Focus on Africa
■ 30 Blueprint Africa
45 The World Today

97 1700 World News
09 A Letter from Scotland
■ 09 Focus on Africa
15 Meridian
■ 25 African News
■ 30 Blueprint Africa
45 Sports Round-up

98 1800 Newsdesk
30 Development '86

1900 Outlook, opening with News Summary
39 Stock Market Report
45 Report on Religion

2000 World News
09 Twenty-Four Hours: News Summary
30 Omnibus

99 2100 News Summary followed by: International Gardeners
10 Book Choice
15 Concert Hall
30 Calling the Falklands

100 2200 World News
09 The World Today
25 A Letter from Scotland
30 Financial News
40 Reflections
45 Sports Round-up

101 2300 World News
09 Commentary
15 Folk in the Modern World
30 ***7th:*** The Domesday Book – 900 Years On; ***14th:*** Engineering at the Sharp End; ***21st:*** Craft for Cash; ***28th*** The Witch Report

Wednesday

October 1 8 15 22 29

102 0000 World News
09 News about Britain
15 Radio Newsreel
30 Omnibus

0100 Outlook, opening with News Summary
30 Report on Religion
45 Country Style
► 45 The World Today

103 0200 World News
09 British Press Review
15 English Miniatures (ex ***22nd*** and ***29th***: European Cabaret Songs)
► 15 Radio Newsreel
30 The Betrothed (ex ***1st:*** Marion; ***8th:*** Without Fire)

104 0300 World News
09 News about Britain
15 The World Today
30 Discovery
■ 30 African News
■ 35 Network Africa

105 0400 Newsdesk
30 International Gardeners
40 Book Choice
45 Reflections
50 Financial News

106 0500 World News
09 Twenty-Four Hours: News Summary
■ 09 African News
■ 15 Network Africa
30 Report On Religion
■ 40 Book of the Day
45 The World Today

107 0600 Newsdesk
30 Meridian
■ 30 African News
■ 35 Network Africa

0700 World News
09 Twenty-Four Hours: News Summary
30 Development '86
■ 30 African News
■ 35 Network Africa

108 0800 World News
09 Reflections
15 Classical Record Review
30 Quote, Unquote

0900 World News
09 British Press Review
15 The World Today
30 Financial News followed by: Look Ahead
45 Lyrics and Lyricists (ex ***1st:*** A Land of Song)

109 1000 News Summary followed by Omnibus
30 My Music

1100 World News
09 News about Britain
15 International Gardeners
25 A Letter from Wales
30 Meridian

110 1200 Radio Newsreel
15 Masterpiece in Miniature (ex ***1st*** and ***8th:*** Nature Notebook)
25 The Farming World
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Development '86

1400 Outlook, opening with News Summary
45 Report on Religion

111 1500 Radio Newsreel
15 Historians
■ 15 Focus on Africa
30 Jarvis's Frayn (ex ***1st:*** Patterson; ***29th:*** Two Cheers for October)

112 1600 World News
09 Commentary
15 Rock Salad (ex ***1st*** and ***8th:*** Counterpoint)
■ 15 Focus on Africa
■ 30 African Papers
45 The World Today

113 1700 World News
09 A Letter from Wales
■ 09 Focus on Africa
15 Growing Points in Science
■ 25 African News
30 New Ideas
■ 30 African Papers
40 Book Choice
45 Sports Round-up

114 1800 Newsdesk
30 Multitrack (ex ***1st*** and ***8th:*** Top Twenty)

1900 Outlook, opening with News Summary
39 Stock Market Report
45 Good Books

2000 World News
09 Twenty-Four Hours: News Summary
30 Assignment (ex ***1st:*** State of the Nation)

115 2100 News Summary followed by: Network UK
15 ***1st*** and ***8th:*** Album Time; ***15th:*** International Soccer Special; ***22nd*** and ***29th:*** Rock Salad
45 Recording of the Week (ex ***15th:*** Soccer contd)

116 2200 World News
09 The World Today
25 A Letter from Wales
30 Financial News
40 Reflections
45 Sports Round-up

117 2300 World News
09 Commentary
15 Good Books
30 Multitrack (ex ***1st*** and ***8th:*** Top Twenty)

Day to day

Special programmes for ■ AFRICA ►SOUTH ASIA

Thursday

October 2 9 16 23 30

0000 World News
09 News about Britain
15 Radio Newsreel
30 Jarvis's Frayn (ex ***2nd:*** Patterson; ***30th:*** Two Cheers for October)

0100 Outlook, opening with News Summary
30 Waveguide
40 Book Choice
45 Growing Points in Science
►45 The World Today

0200 World News
09 British Press Review
15 Network UK
►15 Radio Newsreel
30 Assignment (ex ***2nd:*** State of the Nation)

0300 World News
09 News about Britain
15 The World Today
30 The Domesday Book – 900 Years on (ex ***16th:*** Engineering at the Sharp End; ***23rd:*** Craft for Cash; ***30th:*** The Witch Report)
■30 African News
■35 Network Africa

0400 Newsdesk
30 Classical Record Review (ex ***16th:*** International Soccer Special)
45 Reflections
50 Financial News

0500 World News
09 Twenty-Four Hours: News Summary
■09 African News
■15 Network Africa
30 Peebles' Choice
■40 Book of the Day
45 The World Today

0600 Newsdesk
30 Masterpiece in Miniature (ex ***2nd*** and ***9th:*** Nature Notebook)
■30 African News
■35 Network Africa
40 The Farming World

0700 World News
09 Twenty-Four Hours: News Summary
30 Folk in the Modern World
■30 African News
■35 Network Africa
45 Network UK

0800 World News
09 Reflections
15 Country Style (ex ***16th:*** International Soccer Special)
30 John Peel

0900 World News
09 British Press Review
15 The World Today
30 Financial News
followed by: Look Ahead
45 Growing Points in Science

1000 News Summary followed by: The Savoy Operas
30 Jarvis's Frayn (ex ***2nd:*** Patterson; ***30th:*** Two Cheers for October)

1100 World News
09 News About Britain
15 New Ideas
25 A Letter from England
30 Assignment (ex ***2nd:*** State of the Nation)

1200 Radio Newsreel
15 Multitrack (ex ***2nd*** and ***9th:*** Top Twenty)
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network UK
45 Lyrics and Lyricists (ex ***2nd:*** A Land of Song)

1400 Outlook, opening with News Summary
45 Juke Box Dury (ex ***2nd:*** A Decade of Hits)

1500 Radio Newsreel
15 The Pleasure's Yours
■15 Focus on Africa

1600 World News
09 Commentary
15 Assignment (ex ***2nd:*** State of the Nation)
■15 Focus on Africa
■30 Medical Programme
45 The World Today

1700 World News
09 A Letter from England
■09 Focus on Africa
15 Meridian
■25 African News
■30 Medical Programme
45 Sports Round-up

1800 Newsdesk
30 Discovery

1900 Outlook opening with News Summary
39 Stock Market Report
45 Here's Humph!

2000 World News
09 Twenty-Four Hours: News Summary
30 Business Matters

2100 News Summary followed by: Book Choice
05 In the Meantime
15 A Jolly Good Show

2200 World News
09 The World Today
25 A Letter from England
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Merchant Navy Programme
30 Masterpiece in Miniature (ex ***2nd*** and ***9th:*** Nature Notebook)
40 The Farming World

Friday

October 3 10 17 24 31

0000 World News
09 News about Britain
15 Radio Newsreel
30 Music Now

0100 Outlook, opening with News Summary
30 Lyrics and Lyricists (ex ***3rd:*** A Land of Song)
45 Book Choice
►45 The World Today
50 In the Meantime

0200 World News
09 British Press Review
15 Training for Tomorrow
►15 Radio Newsreel
30 Symphony for Four (ex ***3rd*** and ***10th:*** Aberdeen International Youth Festival)

0300 World News
09 News about Britain
15 The World Today
30 Business Matters
■30 African News
■35 Network Africa

0400 Newsdesk
30 Country Style
45 Reflections
50 Financial News

0500 World News
09 Twenty-Four Hours: News Summary
■09 African News
■15 Network Africa
30 Historians
■40 Book of the Day
45 The World Today

0600 Newsdesk
30 Meridian
■30 African News
■35 Network Africa

0700 World News
09 Twenty-Four Hours: News Summary
30 Juke Box Dury (ex ***3rd:*** A Decade of Hits)
■30 African News
■35 Network Africa
45 Merchant Navy Programme

0800 World News
09 Reflections
15 Eric Coates (ex ***3rd:*** Joan Sutherland)
30 Music Now

0900 World News
09 British Press Review
15 The World Today
30 Financial News
followed by: Look Ahead
45 Lake Wobegon Days (ex ***24th*** and ***31st:*** Chesterton)

1000 News Summary followed by: Folk in the Modern World
15 Merchant Navy Programme
30 Business Matters

1100 World News
09 News about Britain
15 In the Meantime
25 A Letter from Northern Ireland
30 Meridian

1200 Radio Newsreel
15 Jazz for the Asking
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 John Peel

1400 Outlook opening with News Summary
45 Nature Notebook (ex ***3rd*** and ***10th:*** Women at the Top)

1500 Radio Newsreel
15 I Claudius (ex ***3rd*** and ***10th:*** The Tony Myatt Request Show)
■15 Focus on Africa

1600 World News
09 Commentary
15 Science in Action
■15 Focus on Africa
■30 Arts and Africa
45 The World Today

1700 World News
09 A Letter from Northern Ireland
■09 Focus on Africa
15 Symphony for Four (ex ***3rd:*** Sarah and Company; ***10th:*** Unsung Heroes)
■25 African News
■30 Arts and Africa
45 Sports Round-up

1800 Newsdesk
30 Multitrack (ex ***3rd*** and ***10th:*** The Savoy Operas)

1900 Outlook opening with News Summary
39 Stock Market Report
45 About Britain

2000 World News
09 Twenty-Four Hours: News Summary
30 Science in Action

2100 News Summary followed by: Network UK
15 Music Now
30 Calling the Falklands
45 For Whom the Bell Tolls (ex ***31st:*** Scoop)

2200 World News
09 The World Today
25 A Letter from Northern Ireland
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 From the Weeklies
30 Multitrack (ex ***3rd*** and ***10th:*** Aberdeen International Youth Festival)

Write to the BBC

... in English or your own language about programmes or reception either to BBC P.O. Box 76, Bush House, London WC2B 4PH (stating relevant language service) or

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120 MILLION LISTENERS

Researching the world

By Graham Mytton **Head, International Broadcasting and Audience Research**

For the BBC's team of international audience research specialists, this issue of *London Calling* is rather special. Starting on page 11 you will find a listening diary to fill in during the final week of October and then send to us. It requires no more than a few crosses in boxes from you, but its value to us as a guide to your listening habits, both now and in the future, will be enormous.

This listening diary is just one of about 60 research projects which the BBC's International Broadcasting and Audience Research department has going on at any given time. Just as our broadcasts in English and 36 other languages vary greatly in scope and complexity, so too does the research we undertake.

Measuring how many people listen to the BBC in Spanish in Venezuela presents a very different set of problems to assessing the effects of a change in timing for *Outlook* in the Indian subcontinent. Similarly, the research methods needed to test and evaluate a new programme idea are not the ones required to collect worldwide data on radio and TV sets.

It's really a question of choosing the right approach for the task in hand from the arsenal of research techniques at our disposal. If we want to measure and describe an audience, a carefully designed and controlled sample survey is required – normally quite straightforward in the sophisticated research environment of Europe and North America, but more difficult in those parts of the world where social and market research is less well developed.

On the basis of such surveys carried out in about 70 countries, we estimate that the BBC External Services have a regular audience of 120 million listeners tuning in at least once a week – 25 million in English and 100 million in other languages, with five million listening in a mixture of the two.

However, there is more to it than just counting listeners. We might want to look at their reactions to individual programmes, try out new programme ideas, cast light on reception problems, or get feedback from areas where sample surveys are not possible.

Again, we select the method to match the problem – a postal questionnaire to find out how well certain frequencies can be received in Africa, telephone interviews to probe radio station managers in the Caribbean about their use of BBC prerecorded material, group discussions to explore attitudes to English language teaching programmes.

Our international mailbag – getting on for half a million listeners' letters reached Bush House in 1985 – is a further rich source of comment and opinion from which our researchers can draw.

And then there is the *London Calling* diary, which will give us a global snapshot of how one section of our audience tunes in. We've designed the questions, planned the layout, primed the computer and organised a clerical system to handle the expected flood of returned diaries, so now it's up to you.

Simply put a cross in the box to the left of the name of each programme you hear as you listen between ***25th*** and ***31st*** October, remembering to tick only those programmes you actually hear, not those you intended to hear but were unable to.

It's important that you should tune in only to those programmes you would normally listen to – please do not listen more than usual just because of the diary. Listeners in Asia and Africa should take special care to distinguish between the special alternative programmes for those areas and mainsteam World Service programmes.

At the end of the week, please post the diary to us, either directly to Bush House or, if it's more convenient, to one of the P.O. boxes listed on page 10. All those returning a properly completed diary will be eligible for a prize draw with goods from our shop, BBC World, to be won, so do make sure your diary is returned promptly.

By doing so you will be helping us to help you through a better understanding of the ways in which you listen. And that is what our audience research is all about.

BBC audience researchers working on the diary

PICK OF THE MONTH

Afro Beat Box

Jo Hagan presents ten programmes covering contemporary, African-oriented music.

Over the past few years African music has received unprecedented exposure. This has tended to either patronise the music or see it as just another fad. But neither attitude even begins to explore the diversity of the musical styles.

The jazzy, political funk of Fela Kuti's Afrobeat is far removed from say, the urbane lyricism of Pamelo Mounka's soukous, but each is at heart a synthesis. Cross-cultural references can be found in most styles, so much so that you can even hear the Burundi beat in Gary Glitter or Adam Ant.

From 18th Sats 0330 rep Mons 1030, 2130

Assignment

The regular weekly programme which looks at important topical issues, is back on the air in October. Among subjects to be covered this month is AIDS (Acquired Immune Deficiency Syndrome) now considered by the American Government to be their number one health problem. In the programme **Stephen Hedges** talks to leading AIDS authorities from America and Europe about recent progress in the fight against this disease, which is now thought to be affecting as many as three million people in countries all over the world.

Weds 2030 rep Thurs 0230, 1130, 1615

Big Bang at the Stock Exchange

The London Stock Exchange this month experiences one of the biggest shake-ups in its history – a major restructuring of the City's financial services – popularly referred to as the "Big Bang". On the eve of this financial revolution **Derek Blizard** visits the Stock Exchange to find out what the changes will mean for this great financial centre and its links with the outside world.

19th 2330 rep 20th 0630, 1000, 1515

Craft for Cash

Harp makers, radio designers and jewellers are just a small selection of the 30,000 craftsmen in Britain today producing an extraordinary range of products. Yet despite a wealth of innovation many live in real poverty, with little official assistance. **Martin Plaut** looks at the world of the British craftsmen in the 1980s.

19th 1615 rep 21st 2330, 23rd 0330

Engineering at the Sharp End

Engineers working on big new projects, whether they are hydro-electric schemes, underground railways, nuclear power stations or anything else, find themselves having to contend with new and unexpected problems all the time. BBC World Service travels to the site of a major engineering project taking shape to talk to the men involved in the real problems they face at the sharp end.

12th 1615 rep 14th 2330, 16th 0330

Growing Points in Science

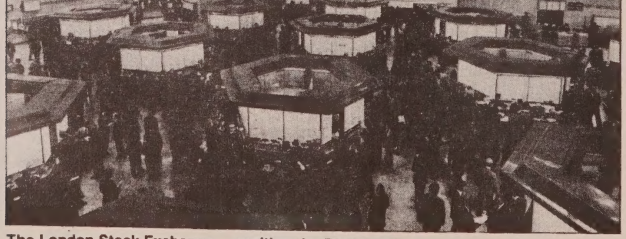
Leading scientists working in key areas of research discuss the latest developments with BBC science staff.

Dr Zaven Khatchaturian, Director of the US National Institute of Aging, talks to **Stephen Hedges** about new discoveries in the molecular biology of the brain which are pinpointing the cause of Alzheimer's disease, premature and progressive senile dementia ***5th***

Palaeoclimatology, the records of past climatic changes, are helping us to understand today's changes – and the harmful effects of man's activities. **Dr Nicholas Shackleton** explains how to **David Sington** ***15th***

Professor David Stephenson of the California Institute of Technology outlines to **Martin Redfern** the findings of planetary probes which have flown close to Mars, Venus, Jupiter and Uranus. They reveal information relevant to our own planet, and the formation of the Solar System ***22nd***

Dr Michael Akam of Cambridge University talks to **John Newell** about the Homeobox – a piece of genetic material found in virtually living things, and believed to be vital in controlling embryonic development ***29th Suns (5th only) 1230 rep Weds 1715, Thurs 0145, 0945***



The London Stock Exchange – awaiting the Big Bang

I Claudius

by Robert Graves

Set in the 1st century A.D., this is the story of Claudius, the son of a distinguished Roman military family. Claudius walks with a limp, and speaks with an irritating stutter – his family consider him an idiot. The gentle Claudius devotes himself to the study of history, and would be content to spend his life in his library, but the turbulent politics of ancient Rome thrust him into the unwelcome limelight, and he is proclaimed Emperor.

This radio version of the novels *I Claudius* and *Claudius the God* stars **Timothy West** as Claudius, with **Mary Morris** as Livia, **Geoffrey Collins** as Sejanus, **Frances Jeater** as Calpurnia, **Mel Martin** as Messalina, **Garard Green** as Augustus, and **David Learner** as Caligula. Directed by Glyn Dearman.

From 12th Suns 1915 rep Mons 0100, Fris 1515

Symphony for Four

The story of the music club secretary who said to the leader of a string quartet that he hoped he would bring a bigger band next time is doubtless apocryphal, but it says a lot about the feelings of the average music lover about the medium. Most great composers thought rather differently. Beethoven, for example, wrote twice as many string quartets as he wrote symphonies. In fact the two types of composition are so similar that the quartet has often been called a symphony for four.

This new series features great quartets by composers who also wrote great symphonies – from Haydn to Shostakovich.

From 14th Tues 0830 rep Fris 0230, 1715

Television Began Here

Fifty years ago next month – on November 2nd, 1936 – the BBC began transmitting the world's first regular service of high-definition television. There had been some earlier short periods of transmission in Britain and other countries, but with its new service the BBC was in the market for good – or so it seemed until September 1939. Then the

▷

screens went dark for six long years. But after the war, BBC Television was back in business.

Peter Beer traces the struggles of those early days, the achievements and disasters of the years that followed – seen largely through the eyes and ears of those who played vital if often unsung roles in bringing the pictures to the screens.

26st 2330 rep 27th 0630, 1000, 1515

Taking the Waters

For centuries people flocked to spa towns. "One plays, one dances, one laughs, that's what it is to take the waters. For every four who drink, there are usually twenty others who have come only in search of amusement," wrote Samuel Chappuzeau in 1674.

Ian Bradley looks at the spas of Europe in their heyday, but also considers their position today. He finds they are starting to revive in sceptical Britain – and even flourishing elsewhere in Europe. As one consultant orthopaedic surgeon put it: "The patients get an uplift by attending a spa. They feel as if someone's taking an interest in what's going on."

5th, 12th 2330 rep 6th, 13th 0630, 1000, 1515

The Witch Report

The wicked witch, flying through the air on her broomstick, or crouched over a bubbling cauldron, muttering incantations, is one of the most frightening figures in folklore and fairy-tale. In the past many people believed in the evil power of witches, and any woman who was old and ugly, or a little eccentric, was liable to be condemned as a witch, tortured and put to death.

In the week leading up to Hallowe'en – the traditional festival of witches and evil spirits – **Jenny Cuffe** examines the history and legends of witchcraft, and discovers some present-day witches who are trying to preserve the ancient rituals.

26th 1615 rep 28th 2330, 30th 0330

Training for Tomorrow

The series returns with more news of courses and projects at British universities, polytechnics and colleges, and information about training schemes available from consultants and companies. **John Turtle** talks to staff and students and finds out the pleasures and problems of studying away from home.

There are courses in everything from Advertising to Zoology, and British qualifications and examinations recognised internationally that can be studied for at home with examinations held in centres throughout the world.

There is also news of accreditation schemes to monitor the quality of courses and colleges, and reviews of the latest books for trainers.

Mons 1115 rep Tues 0815, Fris 0215

Streamline pop

There's been something new brewing in BBC World Service's Popular Music Unit since the beginning of this year.

And now, at last, to both the delight and relief of Popular Music Organiser Dave Tate and his team of three producers, the moment has arrived to launch the brand new thrice-weekly series *Multitrack*.

So why the long wait? Well, when the seed is planted it has to be carefully nurtured and encouraged which means in terms of BBC World Service some careful planning to fit it into the daily programme schedules of a complex 24-hour operation, and for the Popular Music Unit itself, detailed consideration of what it will contain and what it will aim to provide.

Multitrack 2

In the mid-week edition, on Wednesdays, **Paul Burnett** steps hotfoot from the *Top 20* show with a full chart run-down, the highest climbers and new entries in the Top 40 British best-sellers.

Paul has been at the World Service for 10 years but has only just admitted to being on the wrong side of 21. His credentials as a chart show presenter are unassailable: he once had a record in the Top 20 at No. 4 with fellow World Service presenter Dave Lee Travis, when they both masqueraded as "Laurie Lingo and the Dipsticks."

Weds 1830 rep 2330, Thurs 1215

In the new scheme of things, *Top 20* appears in *Multitrack 2*, while the other two editions concentrate on the latest releases, star guests and much more besides.

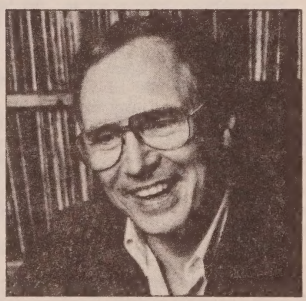
The aim is to streamline World Service's popular music programming and, it is hoped, nicely complement the zany antics of Dave Lee Travis and *A Jolly Good Show; Rock Salad* hosted by the irrepressible Tommy Vance; Tony Myatt and Sandi Jones and their Sunday request shows; not to mention *Counterpoint* with former Manfred Mann star Paul Jones and Bob Holness with *Anything Goes.*.

And now *Multitrack*. Well worth the wait? You can let us know soon. The cover picture, incidentally, is Annie Lennox, of Eurythmics

Multitrack 1

Meet presenter **Richard Allinson** who hosts the programme's first edition of the week on Mondays. Richard, a newcomer to World Service, keeps listeners up-to-date with the cream of the new record releases. He also chats with studio guests and sets competitions and quizzes. He has all the latest news from the pop scene – from George Michael's new haircut to the U2 world tour.

Mons 1830 rep 2330, Tues 1215



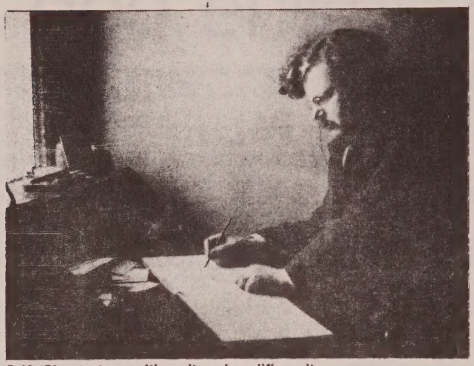
Multitrack 3

Sarah Ward was particularly pleased to join the Multitrack team as residential "Girl Friday" on the show. But it is not such a change from *Sarah and Company*, since she is still right at the centre of all that is new and hip in London town. There are interviews with Britain's newest young bands, a look at pop films and books, a word about fashions in music and style.

Sarah may even have some good ideas about how to redecorate the famous Bush House lime-green studios that are home to *Multitrack*. Her colleagues hope so.

Fris 1830 rep 2330, Sat 1215

FEATURES MUSIC DRAMA



G.K. Chesterton, critic, wit and prolific writer

Chesterton

Gilbert Keith Chesterton (1874-1936) was one of the most prolific and diverse writers of his generation. He is probably best remembered today for his rollicking ballads like *The Rolling English Road* and for his *Father Brown* detective stories in which a mild-mannered Roman Catholic priest investigates a variety of mysteries. But he also wrote wonderful fantasies, artistic and literary criticism and articles and essays on every imaginable subject.

These four programmes present a miscellany of some of the gems from Chesterton's extraordinary output.

From 19th Suns 0215 rep 2209, Mons 1445, Fris 0945

Concert Hall

Brahms: *Piano Quintet in F minor,* with André Previn (piano) and the Musikverein Quartet ***7th***
The English Concert play Bach: *Concerto in A minor* for four harpsichords and strings, BWV 1065, and the *Brandenburg Concerto No.5.* Harpsichords are played by Trevor Pinnock, Kenneth Gilbert, Lars Ulrik Mortensen and Nicholas Kraemer ***12th***
Malcolm Arnold: *Symphony No.1.* The Bournemouth Symphony Orchestra is conducted by the composer ***19th***
Bizet: *Symphony in C.* Seiji Ozawa conducts the Orchestre Nationale de France.
Mendelssohn: *The Hebrides Overture (Fingal's Cave).* The Scottish National Orchestra is conducted by Sir Alexander Gibson ***26th***

Suns (ex 5th) 1515 rep Tues 2115

Edmund Rubbra

The English composer Edmund Rubbra died in February this year. He was a versatile and accomplished composer of many forms of music, and a leading exponent of the symphony in this century.

BBC World Service presents four programmes reflecting the variety of Rubbra's musical output including movements from symphonies, parts of settings of the Mass and a test piece for brass band.

From 18th Sats 1830 rep Suns 0030, 1130

English Miniatures

Lyndon Jenkins concludes his selection of English miniatures, including music by Stanford, Walford Davies and Parry.

Sats (until 11th) 1115 rep Mon 1630, 2115, Weds 0215

Eric Coates

Eric Coates, who was born 100 years ago, began his career as a viola player, but soon turned to composition. His works are renowned for their tunefulness and instrumental colour, and these programmes concentrate on Coates' own recordings of his orchestral music, together with some of his songs.

Mons (ex 6th) 0145 rep Tues 0430, 1445, Fris (ex 3rd) 0815

European Cabaret Songs

John Thornley presents a selection of cabaret songs – mainly from Paris, Vienna and Berlin, in recordings from 1910 to the present day. In the first of six programmes he looks at *Drinking and Dancing* from the Chat Noir in Montmartre with Aristide Bruant, to the Crocodile Bar on the River Nile with the Comedian Harmonists. Other singers include Yvette Guilbert, Germaine Montero, and Juliette Gréco. ***18th***

Then he presents a round of *Musical Games* played on Rossini, Richard Strauss and others by Les Quatre Barbus, Bétove, the Dajos Béla Dance Band, and a Viennese cabaret team including Gerhard Bronner and Helmut Qualtinger. ***25th***

From 18th Sats 1115 rep Mons 1630, 2115, Weds 0215

Folk in the Modern World

This month folk musician **Ashley Hutchings** returns to the World Service with a series which examines some of the latest and most exciting developments on the traditional music scene. Many performers now combine folk styles with influences from pop and rock, and these programmes feature some of the best of their music, on records chosen from all over the world.

Sats 0130 rep Tues 2315, Thurs 0730, Fris 1000

Good Books

Writer **Deborah Singmaster** has chosen a novel set in nineteenth century Ireland, *The Real Charlotte* by Edith Sommerville and Martin Ross. ***Sep 29th***
Development economist **Robert Cassen** has chosen *Sketches from a Hunter's Album* by Ivan Turgenev ***6th***; Publisher and writer **Jeremy Lewis** talks about *My Family and Other Animals* by the naturalist Gerald Durrell ***13th***; Educationalist **Arfon Jones** discusses a classic novel about Wales, *How Green Was My Valley* by Richard Llewellyn ***20th***; Literary journalist **Elizabeth Winter** discusses a fanciful satire of life in the Soviet Union under Stalin, *The Master and the Margarita* by Mikhail Bulgakov ***27th***

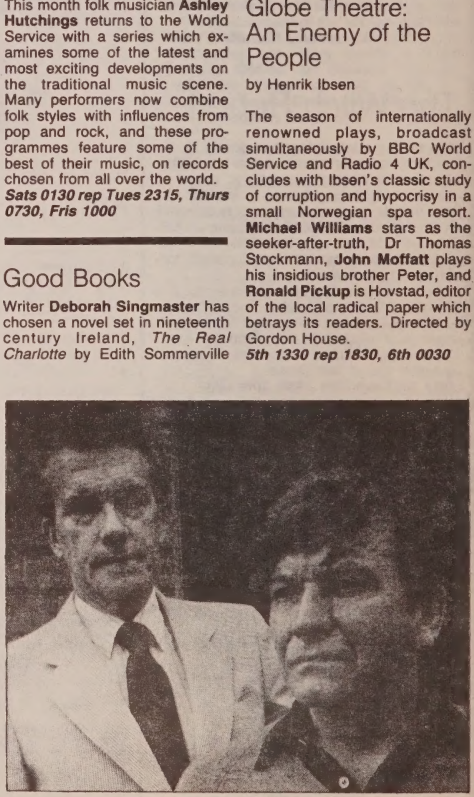
Mons 0315 rep 0915, Weds 1945, 2315

Globe Theatre: An Enemy of the People

by Henrik Ibsen

The season of internationally renowned plays, broadcast simultaneously by BBC World Service and Radio 4 UK, concludes with Ibsen's classic study of corruption and hypocrisy in a small Norwegian spa resort. **Michael Williams** stars as the seeker-after-truth, Dr Thomas Stockmann, **John Moffatt** plays his insidious brother Peter, and **Ronald Pickup** is Hovstad, editor of the local radical paper which betrays its readers. Directed by Gordon House.

5th 1330 rep 1830, 6th 0030

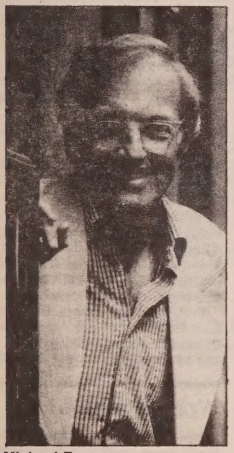


John Moffatt and Michael Williams in *An Enemy of the People*

FEATURES MUSIC DRAMA

Here's Humph!

Humphrey Lyttelton writes: In this next series I am going to make a lightning tour around the jazz world – a world that has expanded enormously in the past 30-odd years. We'll have jazz of all kinds – traditional, modern, big band, but each weekly programme will be stamped clearly with its city of country of origin. So jump aboard and join me!
Sats 0430 rep 1000, Thurs 1945



Michael Frayn

Martin Jarvis

Jarvis's Frayn

A five-part sequence of observations of contemporary society – family life, the arts, sport, leisure, politics, religion, the media. Nothing escapes the quizzical eye of novelist and playwright Michael Frayn. **Martin Jarvis** plays the part of Michael Frayn – as well as all the other characters!
From 8th Weds (ex 29th) 1530 rep Thurs (ex 30th) 0030, 1030

Jazz for the Asking

Peter Clayton writes: The world is a more tolerant place than the news sometimes leads us to believe. Every week, without meaning to, I doubtless mangle some listener's home town. The only protest so far is a rather hurt letter from someone reproaching me for not knowing that a certain place was in Belgium.

What is more important though, is the way listeners all over the world seem to be enjoying the immense mixture of jazz styles we manage to cram into just half an hour each week. I may allow myself some latitude with longitude, but the music seems to make its point and that is what matters.
Sats 2030 rep Suns 0630, Fris 1215

Juke Box Dury

Actor, singer and broadcaster **Ian Dury** brings his mix of humorous chat and wide ranging music back to BBC World Service this month.
Suns 0430 rep Thurs (ex 2nd) 1445, Fris (ex 3rd) 0730

Lyrics and Lyricists

The composer, Sigmund Romberg, used to look at the lyric he'd been given, play the melody and then say "It fits", never giving a thought as to whether or not it made sense. The art of matching words with music has come a long way since those days, although lyric-writing still has its detractors: surely, they say, it's just 'moon' and 'June'?

Mark Steyn celebrates some of the finest writers of popular song in the last 70 years, from Ira Gershwin and Oscar Hammerstein II to Stephen Sondheim and Fred Ebb, whose *New York, New York* recently provided Frank Sinatra with one of his biggest hits. The series also includes the work of P.G. Wodehouse, revered in America as the first great colloquial lyricist, and a more recent British writer, Don Black, Andrew Lloyd Webber's collaborator on *Song and Dance*. The lyrics featured in the programmes are warm, witty, stylish and romantic, and the tunes aren't bad either. For, as the late Alan Jay Lerner used to say, "The first requirement of a good lyric is good music."
Suns 0530 rep Weds (ex 1st) 0945, Thurs (ex 2nd) 1345, Fris (ex 3rd) 0130

Masterpiece in Miniature

Not all great novels are long and not all great paintings are large. The same applies in music. **Ernest Warburton** introduces a new series featuring some of the shorter masterpieces of the great composers.
From 15th 1215, Thurs 0630, 2330

People and Politics

BBC World Service attends the final two political party conferences of the 1986 season – Labour's in Blackpool ***Sep 29th-Oct 3rd;*** and the Conservatives' in Bournemouth ***7th-10th***

People and Politics covers these and other aspects of the British political scene.
Sats 0230 rep 1030, 1830 (4th, 11th only) 2130

Play of the Week: Random Moments in a May Garden

by James Saunders

The comings and goings of two families at a house and its garden, one in Victorian times and the other in the present. Whereas the present speaks for itself, all that remains of the Victorians is part of a charming photograph of two little girls.

Starring **Barbara Jefford** and **Peter Jeffrey.** Directed by Richard Wortley
11th 1900 rep 12th 0100, 1200

Abigail's Party

by Mike Leigh

Social climbers, Laurence and Beverley are entertaining their new neighbours, Angela and Tony. Also invited is Susan, whose daughter, Abigail, is giving a party. A pleasant, social evening is in view. But tension – marital, social and parental – crackles from the beginning and for one of the company, that tension proves unbearable. Directed by David Hitchinson.
18th 1900 rep 19th 0100, 1200

Black Snow

by Mikhail Bulgakov

A writer, alone on a stage, talks of his new play: how he wrote it and the difficulties in dealing with

Learn English with the BBC

It's down to serious work for listeners to the BBC's English teaching programmes this month. The basic rules of grammar continue to be explained in a very individual way by **Professor Grammar.** Among the rules he looks at this month are those governing the use of the conditional tenses. If you listen to the programmes you will understand more about this sentence. **Thursdays**

Teachers and advanced students of English will welcome the return of **Speaking of English,** a programme for advanced level speakers which introduces experts on teaching methodology as well as drawing attention to current trends in spoken and written English. ***Sundays repeated on Mondays***

The 'agony aunt' of the BBC's English by Radio programmes, Jill Welfare, continues to solve listeners' language problems in **Can I Help You?** ***Mondays, repeated Sundays***

Light relief is at hand at the weekend when listeners can relax with **Pop Words,** which explains the lyrics of pop songs, ***Saturdays,*** and again during the week when **Novel Choice** presents novels written in English by writers from outside Britain and **Talking about Poetry** provides an insight into some modern poems. ***Tuesdays***

Full details of BBC English teaching programmes entirely in English with related articles, features and language exercises are available in the illustrated magazine **BBC ENGLISH.** Broadsheets, for display use, giving times and wavelengths for all the English teaching programmes – entirely in English and with commentary in the learner's own language, for Europe, the Middle East, Asia and South America are also available from **BBC English by Radio and Television, PO Box 76, Bush House, London WC2B 4PH.**

producers, publishers and actors – and he waits, impatiently, for the endless rehearsals to end and the play to begin. *Black Snow* satirises the theatrical life of Moscow in the 1920s and 30s, focussing in comic fashion on the director and stage theorist, Stanislavsky and his company at the Moscow Arts Theatre. Directed by David Hitchinson.
25th 1900 rep 26th 0100, 1200

Quote ... Unquote

Nigel Rees chairs four more contests of **erudition** played by people whose **business** is words – actors, **politicians**, comedians and disc **jockeys** among them.

This month's teams are: **David Steel, Gemma O'Connor, John Peel** and **Sheridan Morley** ***4th;*** **Sir David Hunt, Peter Jeffrey, Miles Kington** and **Fred Trueman** ***12th;*** **Patricia Hodge, Irene Thomas, Peter Tinniswood** and **Ernie Wise** ***19th;*** **Eric Anderson, Steve Race, Ann Mallalieu** and **Michael Aspel.** ***26th***
Sats (4th only) 0330 rep Suns (ex 5th) 1830, Mons 1215, 2330 (6th only), Weds 0830

Readings

Two readings come to an end this month: Ernest Hemingway's novel of the Spanish Civil War *For Whom the Bell Tolls* ***Mons (until 20th) 0430 rep 0815, Fris 2145;*** and *Lake Wobegon Days,* a loving recreation of small-town America by Garrison Keillor ***Suns (until 12th) 0215 rep 2209, Mons 1445, Fris 0945***

Rock Salad

It has been an exciting summer for lovers of music 'on the heavier side', with new records and tours by some of the biggest names in hard rock and heavy metal ... So **Tommy Vance** has plenty to catch up on when he returns to the airwaves with a new series. And the show also continues to feature your requests, together with occasional competitions and 'live' concert recordings.
From 14th Tues 0630 rep Weds 1615, 2115 (ex 15th)

Scoop

by Evelyn Waugh
John Courteney Boot is a fashionable novelist. William Boot edits the nature column in the *Daily Beast.* When newspaper magnate Lord Copper succumbs to the subtle persuasions of beautiful socialite Julia Stitch and proclaims that Boot be dispatched forthwith to strife-torn Ishmaelia as war correspondent for the *Beast,* it is not altogether surprising that confusion arises!

Read by **John Rye.**
From 27th Mons 0430 rep 0815, Fris 2145

Short Story

Rose's life seems to be empty and mundane, but she has a wonderful secret. *Rose's Eagle* is by Kate Griffin ***5th;*** Murder and music surround the upright figure of General Wainwright. *The Talgarth Concerto* is by Geoffrey M Myers, from Switzerland ***12th;*** The poem-seller opens up a world of fantasy in *Freckles and Wrinkles,* a story by Hannah Yakin from Israel ***19th;*** Is he just *An Old Fool,* or is there more to the old man than meets the eye? The story is by A.J.S. Crawford ***26th***
Suns 1000 rep 2100, Tues 0130

Sounds of the Sixties

David Hamilton recently featured best-selling records of the 1960s in his series *A Decade of Hits.* Now he presents not only hits, but also some of the unusual and obscure records of the time.
From 11th Sats 2115 rep Mons 1545, Tues 0945

Success Story

In the present climate of high unemployment in Britain, everyone celebrates the winner – he or she who has gone out, not just to look for work but to make a success of it and get to the top. **Hugh Sykes** talks to individuals on their way to or even enjoying the heady heights of success.
From 27th Mons 1615 rep 2315, Tues 0145, 0730

Talking about Music

Antony Hopkins talks about a work "inspired by war and yet free from any glorification of war": the *Field Mass,* written by the Czech composer Martinu in Paris in December 1939 – in the early months of the Second World War.
12th 0030 rep 1130

The Betrothed

by Alessandro Manzoni

The story is set in northern Italy, in the year 1628. Everyone in the village has been looking forward to the marriage of Renzo and Lucia. But when their wedding day arrives, the village priest, Don Abbondio, suddenly refuses to perform the ceremony. The reason for this extraordinary behaviour is that Don Rodrigo, the local lord and tyrant, has forbidden Don Abbondio to marry Renzo and Lucia, and has threatened him with death if he disobeys. But why should Don Rodrigo care whether these two young people marry?

Starring **Peter Acre** and **Jenny Funnell,** with **John Moffatt** as the priest. Directed by John Cardy.
From 12th Suns 1430 rep Mons 0730, Tues 1030, Weds 0230

The Savoy Operas

Ian Bradley completes his survey of the eight most popular Savoy Operas with a fresh look at *The Mikado, Ruddigore* (and why the Victorians objected to the title), *The Yeomen of the Guard* and *The Gondoliers* (a political satire, believe it or not).
Mons 1330 rep Tues (ex 7th) 0030, Thurs 1000, Fris (3rd, 10th only) 1830

The Domesday Book – 900 years on

The original Domesday Book was a national inventory drawn up by the Normans. It is also the inspiration for a modern project, using the latest in electronic technology. **Miriam Newman** reports.
5th 1615 rep 7th 1215, 2330, 9th 0330

Without Fire

by Wally K. Daly
Philip is trying to give up smoking – again! But soon his wife, friends and colleagues are all urging him to return to the habit – and even his doctor agrees.

With **Paul Daneman** as Philip and **Norma Ronald** as Sarah. Directed by Martin Jenkins.
6th 1830 rep 7th 1030, 8th 0230

Women at the Top

In this series of profile interviews, **Nigel Rees** confronts a range of women holding top jobs and attempts to discover the secrets of their success and to gauge the true extent of the gains made in the campaign for female equality. Nigel's guests include **Brenda Dean,** leader of the print union SOGAT and **Rosalind Gilmore,** Director of Personal Banking in the National Giro Bank.
Fris (until 10th) 1445 rep Sats 0145, 2315, Mons 0530

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SOME REGULAR PROGRAMMES

At a glance

World News
Broadcast daily in the World Service ***0000, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1100, 1300, 1600, 1700, 1800, 2000, 2200, 2300***

Newsdesk
A half-hour programme including World News and despatches from overseas and UK correspondents. ***Daily 0400, 0600, 1800;*** **News Summary** – ***0100, 1000, 1400, 1900, 2100***

Radio Newsreel
News of events as they happen and despatches from BBC correspondents all over the world ***daily 0015, 0215 (South Asia), 1200 (ex Suns), 1500***

News about Britain
Daily 0009, 0309, 1109

Twenty-Four Hours
Analysis of the main news of the day ***daily 0509, 0709, 1309, 2009***

British Press Review
Survey of editorial opinion in the Press ***daily 0209, 0909***

The World Today
Examines thoroughly one topical aspect of the international scene ***Mons to Fris 1645 rep 2209, Tues to Fris 0145 (South Asia), Tues to Sats 0315, 0545, 0915***

Commentary
Background to the news from a wide range of specialists ***daily 1609, 2309***

Outlook
An up-to-the-minute look at people, events and opinions together with the latest UK news, sport and weather ***Mons to Fris 1400, 1900, Tues to Sats 0100***

Financial News
Including news of commodity prices and significant moves in currency and stock markets ***Mons to Fris 2230 rep Tues to Sats 0450, Mons to Sats 0930***

Financial Review
A look back at the financial week ***Suns 0450, rep 2230***

Stock Market Report
Mons to Fris 1939

About Britain – looks back on some of the week's events ***Fris 1945 rep Sats 0030, 0530, 0945***

Album Time – presented by John Dunn ***Sats 1715 rep Suns 0230, Mons 1130, Weds 2115 (to 5th)***

Anything Goes – a variety of music and much more. Write to Bob Holness at World Service ***Sats 1215 (to 11th), 2330 (from 11th) rep Mons 0330, 0830***

Assignment – a major weekly examination of subjects of importance. ***Weds (8th on) 2030 rep Thurs 0230, 1130, 1615***

Book Choice – four editions each week: ***Mons 1709 rep Mons 2225, Tues 0540; Tues 2110 rep Weds 0440, Weds 1740; Thurs 0140 rep Thurs 2101; Fris 0145 rep Sats 1709, Suns 2225***

Business Matters – a weekly survey of commercial and financial news ***Thurs 2030 rep Fris 0330, 1030***

Classical Record Review – Edward Greenfield reviews new releases ***Suns 1015 rep Suns 1900 (from 12th), Weds 0815, Thurs 0430***

Development '86 – ***Tues 1830 rep Weds 0730, 1330***

Discovery – an in-depth look at scientific research ***Tues 1001, rep Weds 0330, Thurs 1830***

The Farming World – *Weds 1225 rep Thurs 0640, Thurs 2340*

From Our Own Correspondent – BBC correspondents comment on the background to the news ***Sats 2209 rep Suns 0315, 0730, 1115***

From the Weeklies – a review of the British weekly press ***Fris 2315 rep Sats 0730***

Good Books – recommendation of a book to read ***Mon 0315 rep 0915, Wed 1945, 2315***

In the Meantime – what's new on World Service ***Thurs 2105 rep Fris 0150, 1115***

Jazz for the Asking – Peter Clayton plays listeners' jazz requests ***Sats 2030 rep Suns 0630, Fris 1215***

John Peel – selects tracks from newly released albums and singles from the progressive rock scene in Britain ***Tues 0330 rep Thurs 0830, Fris 1330***

A Jolly Good Show – Dave Lee Travis presents pop news, interviews and your requests ***Sats 0815 rep Tues 1515, Thurs 2115***

A Letter from... — explores a theme arising from the week's events in Scotland, Wales, England and Northern Ireland in turn ***Tues-Fris 1125 rep 1709, 2225***

Letter from America – ***Sats 1015 rep Suns 0545, 1645, 2315***

Look Ahead – previews programmes for the day ***0939 (ex Suns)***

Merchant Navy Programme – ***Thurs 2315 rep Fris 0745, 1015***

Meridian – each week, three topical programmes about the world of the arts ***Sats, Weds, Fris 0630; Sats, Weds, Fris 1130; Suns, Tues, Thurs 1715***

Music Now – presented by Brian Kay ***(3rd)*** and John Amis ***(from 10th) Fris 0030 rep Fris 0830, 2115***

Nature Notebook – *Weds 1215 rep Thurs 0630, 2330 (to 9th); Fris 1445 rep Sats 0145, 2315, Mons 0530 (17th on)*

Network UK – looks behind the issues and events that affect the lives of people throughout the United Kingdom. Three editions each week. ***Mons, Weds, Fris 2100 rep Tues, Thurs, Sats 0215, 0745, 1330***

New Ideas – a radio shop window for new products and inventions ***Sats 2230 rep Tues 0530, Weds 1730, Thurs 1115***

Omnibus – each week a half-hour programme on practically any topic under the sun ***Tues 1615 rep 2030, Wed 0030, 1001***

People and Politics – background to the British political scene with reports on Parliament ***Sats 0230 rep 1030, 1830 (to 11th), 2130***

The Pleasure's Yours – write to Gordon Clyde for your classical music requests ***Suns 0815 rep 2115, Thurs 1515***

Recording of the Week – a personal choice from the new releases ***Sats 0045 rep Mons 0545, Tues 1345, Weds 2145***

Reflections – a daily consideration of the meeting point between religion and life ***daily 0445 rep 0809, 2240, Suns 1709***

Religious Services – Holy Trinity, Stratford-upon-Avon (Rev Dennis Spiller) ***5th;*** Chapel of Charterhouse School, Surrey (preacher: the headmaster Peter Attenborough) ***12th;*** Harrogate College, Yorkshire (Rev Ronald Kent) ***19th;*** Chapel of King's College, London, led by the Chaplain, the Rev Christopher Moody, (preacher: the Dean, the Rev Richard Harries) ***26th***
Suns 0030 (5th only), 1030, Mons 0030 (ex 6th)

Report on Religion – a weekly magazine of religious news and views ***Tues 1945, rep Weds 0130, 0530, 1445***

The Sandi Jones Request Show – ***Suns 1345 (12th on)***

The Tony Myatt Request Show – ***Fri 1515 (to 10th)***

Sarah and Company – 30 minutes of guests and music ***Fris 1715 rep Mons 0730, Tues 0030***

Saturday Special – ***Sats 1400, 1515, 1615***

Science in Action – ***Fris 1615 rep 2030, Suns 0915, Mon 0230***

Sports International – ***Mons 2030 rep Tues 0230, 1130***

Sports Roundup – ***daily 1245 (ex Suns), 1745, 2245, Suns 1245 (5th only), 1330 (from 12th)***

Sunday Half-Hour – 30 minutes in the company of schools and local church congregations with the history and message of the hymns they sing traced by a guest presenter ***Suns 2030***

Top Twenty – records and news of the hit parade ***(to 9th) Weds 1830 rep 2330, Thurs 1215.***

Waveguide – how to hear us better ***Suns 0750, Mons 0450, Tues 1115, Thurs 0130***

Programmes for Africa

African News
Daily 0330, 0509, 0630, 0730, 1709 (Sats. Suns only) 1725 (ex Sats, Suns).

Network Africa
Early morning listening with **Hilton Fyle** and the Network team, packed with features, music and information ***Mons to Fris 0335 rep 0515, 0635, 0735***

Focus on Africa
Up-to-the-minute and authoritative reports on the African political scene from a continent-wide team of reporters ***Mons to Fris 1515, 1615, 1709***

This Week and Africa
A look back at Africa's political week ***Sats 0335, 0515, 0635, 0735***

Talk About Africa
Discussion with leading African diplomats and journalists ***Sats 1500, 1715***

African Perspective
Each week, a feature or discussion analysing a major African issue ***Suns 0830 rep 1500, 1715***

Postmark Africa
The Who, What, When, Where and Why Show! Your questions to, Postmark Africa, BBC African Service, London WC2 ***Suns 0335 rep 0515, 0635, 0735, 2115***

This Sporting Life
Africa's top sports action as it happens ***Mons 1630 rep 1730***

Blueprint Africa
The latest in development and technology. Presented by **Michael Pickstock** ***Suns 0815 rep Tues 1630, 1730***

Arts and Africa
Alex Tetteh-Lartey introduces Africa's writers and performers ***Fris 1630, 1730 rep Suns 2145***

The Medical Programme
Health and medicine in Africa today ***Thurs 1630 rep 1730***

What the African Papers Say
A weekly look at editorial comment and coverage in Africa's major newspapers ***Weds 1630, rep 1730***

Book of the Day
Reviews of the latest books about Africa ***Suns 2140 rep Mons 0540. Tues-Fris 0540***

The Time of my Life
African personalities recall great moments in their lives ***Sats 0540***

Name in the News
A person, or event, in the African headlines ***Suns 0540***

In NAm try: 0330 9915 9600 7160. 0515 7160 6005. 0630 on 15400 11860. 0730 15105 11860 9600. 0815 11860. 15 1808Q 1615 & 1715 17880 15400. 21 6005.

SPORT

Europe's richest horse-race – the **Prix de L'Arc de Triomphe** – is featured in a varied *Sportsworld* introduced by Martin Fookes, ***5th 1515***

As well as Peter Bromley's live commentary on the big race, there's golf from Wentworth, as two of the world's top golfers contest the final of the **Suntory World Match-Play Championship;** tennis news from the **Davis Cup** semi-finals – Australia v United States, and Sweden v Czechoslovakia; and the finish of the **Nissan Tour of Ireland** cycling classic.

Martin Fookes also presents an *International Soccer Special,* ***15th 2115,*** which includes second-half commentary on the **European Championship** qualifying match between Northern Ireland and England.

Every Saturday, there is football commentary in *Saturday Special* at ***1515,*** with the classified results ***1615, 1745, 2245*** and ***Suns 1330 (ex 5th 1245).***

Saturday Special's racing coverage this month includes the Autumn Double at Newmarket – that's the **Cambridgeshire Handicap *4th,*** and the **Cesarewich, *18th.*** Peter Bromley is also the commentator on the **Dubai Champion Stakes** at the Newmarket Houghton meeting, ***18th,*** and on the important race for two-year-olds at Doncaster – the **Futurity Stakes, *25th.***

Also in *Saturday Special,* ***25th,*** there is commentary from Brighton, where the top women's tennis players contest the **Pretty Polly Classic** – the weekend before Great Britain meet the United States in the annual **Wightman Cup** match, which this year is being held at London's Royal Albert Hall.

The **1986 Formula One World Motor Racing Championship** will be decided this month, with the final two races held in Mexico City, ***12th,*** and Adelaide, ***26th.***

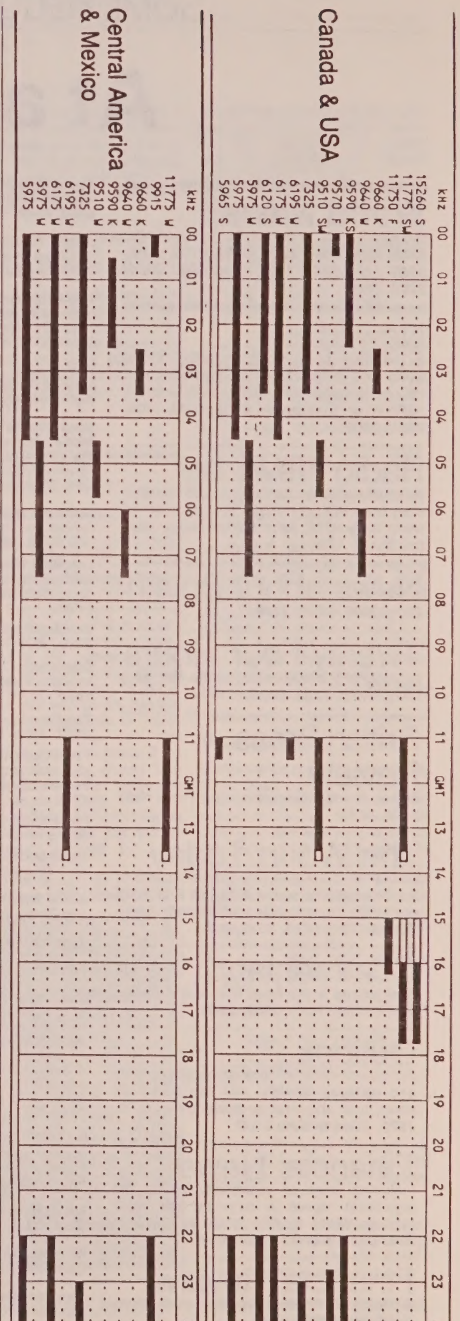
Simon Taylor reports in *Sports Round-Up* on the Mexican and Australian Grand Prix, and while the Formula One cars are roaring around the streets of Adelaide, England's cricketers, in more sedate style, are playing the opening first-class match of their Australian tour against Queensland in Brisbane, ***24-27th.*** *Sports Round-Up* keeps listeners up-to-date with the progress of England's four-month tour, which includes five Test Matches, as England defend the Ashes they won last year.

The Municipal Stadium at Willesden in North London might not have the same ring to it as the Azteca in Mexico City, but for the world's top hockey players it is as much a Mecca this year as the venue for football's World Cup Final was to Diego Maradona and Co in June. It is the scene of hockey's own World Cup finals this month, ***4th-19th.***

The all-weather pitch there is among the best in the world and London's immigrant community will give India and Pakistan enough vocal backing to make them feel as if they were playing at home. Those two countries are bound to start among the favourites, even though the Indians have been through a difficult time in the last year.

But they are sure to face stiff competition from Australia and a powerful European contingent led by the Dutch, the re-emergent British and a Soviet side who are fast becoming a true world force.

Kevin Gearey reports from Willesden in *Sports Round-Up,* and *Saturday Special,* ***4th, 11th, 18th,*** and *Sports Special* ***5th.***



BE WISE MEISSNER TUNE TUNED TO TOMORROW THE RADIO MAN'S RADIO TIME WILL TELL QUALITY ABOVE ALL HAMMARLUND DONE IT AGAIN TRUE AMATEUR SWITCH FOR HAM CRYSTALS THIS MINUTE DESIGNED FOR APPLICATION HAM LINE DISPLAY RADIO FIRST FOR HALICRAFTERS GO GONSET DESIGNED FOR PERFORMANCE GREAT NAME IN COMMUNICATIONS CREATIVE LEADER IN COM-

radio equipment forum

LOREN COX, JR 1106 CLEVELAND AVE. LEXINGTON, KY 40505

The readers write: first, Steve Kennedy, TN, has some observations on Collins receivers:

The Collins S-Line receivers are designed especially for CW/SSB work. All have an AM position on the mode switch, but when the S-line was designed...Collins expected that most would use it in the SSB/CW modes. A stock 75S receiver has an IF bandwidth of about 6 Kc/s, due to textbook circuitry using IF transformers as selectivity devices. Some owners add a 5 Kc/s mechanical filter which is an improvement over the stock set. The use of the 5 Kc/s filter helps to eliminate the 5 Kc/s heterodyne 'whistle' heard on the SWBC bands, and audio is guite good.

There were several models of S-line receivers made over the years. All are designed to tune 14 bands of 200 Kc/s tuning range. Due to the conversion scheme of using a crystal controlled 1st mixer and a VFO tuned 2nd mixer, the receiver will give poor performance between 5.0 and 6.5 Mc/s - no 49 meters. It will work, but sensitivity is poor in this range, and birdies are a problem. If a SWL wishes to use a 75S-1 model for SWL work, it will require removal of all crystals ((and replacement with those providing appropriate injection frequencies to produce SWBC ranges)).

An improved model was the 75S-3A, B and C models. All have an additional 14 band segments due to the use of an auxiliary crystal board...thus a total of 28 bands can be tuned on the set if crystals are used for the SWBC bands ((each band, of course 200 kHz wide)). Also these models have a rejection tune control...a notch filter...useful for AM work. Additionally, there is a Fast, Slow and Off AGC selection...thus a good receiver for SWBC work.

How well does it work? With the exception of the 5.0-6.5 Mc/s segment, most 75S-1 and 3A, B and C models have plenty of sensitivity if the RF circuits are aligned properly. It is adequate for general SWL program listening. Although serious DX work is possible, a preselector may be needed...but the IF passband may be too wide. A 4.1 Kc/s mechanical filter would be a great help in serious DX work. After a 30 minute warmup, it is rock stable...for ECSS type reception. However, the placement of the BFO in the passband when in the LSB/USB modes is suited for SSB work...not ECSS work. The audio in this mode is a bit thin, and lacks the punch possible in real SSB signals.

Overall, I rate the S-line receivers good receivers if the SWL is interested in program listening from high powered stations. The audio quality is excellent in the AM mode. As a serious DX machine, it needs additional filters and possibly modifications to get the most out of it. The same money spent for a S-line receiver could be spent on an R-390A or an R-388 (51-J3) ((or a 51-J4)) considering the expense of crystals needed to convert to SWBC work.

The "..." in Steve's remarks do not indicate deletions from his text but are his means of punctuation. Also I continued his use of "Kc/s", though he later dropped the "/s", throughout. Now more on Collins, this time the 51S-1 from Gary Vrooman (W8ARH), MI:

Just read your RIB110 column on the receivers at Dayton. I work with the "starry eyed individual" who purchased the Collins 51-S1 for $300. Would you believe he didn't like the 5 kHz AM filters (coupled transformers) and wanted a Mechanical Filter instead. For $375 I helped him out of his problem and acquired the 51-S1. For $45 I got a new manual from Rockwell and for $100 a new S-line cabinet. One Saturday was spent touching up the alignment and now it looks like and works like new. Goes with the rest of my S-line!

As a bit of nostalgia: I last saw a 51-S1 about 5 years ago in Finlay for about $1500. Also, I'm told the guy at Dayton had two 51S1's, one under the table already sold. Good luck in finding one; it's a super receiver.

P.S. New 6 kHz mechanical filters are available from Rockwell for the 51S-1. Used ones can be had for $85.

I have in my possession at this moment a less than totally functional 51-S1. It was gathering dust in a local Ham's garage. He asked me if I would like to check it out as he was getting no reception from it. All that could be heard from it was hiss/-shot noise. Though a "technical boffin" as the late Oliver Ferrell would say, I at least know how to use a tube checker, so I began with the obvious first step in servicing a pice of vacuum tube equipment. A couple of shorted 6U8/6EA8s had stopped re-

ception. Used replacements were found and reception restored. However there are other problems I haven't gotten around to diagnosing. The BFO produces only a very weak beat note and the Rejection Tuning is disfunctional. Since tubes don't appear to be the cause, more expert analysis of the matter is in order. But I can discern that this is a most interesting and potentially fine radio. It must be the simplest to operate of all professional receivers, having the minimum number of controls that can provide essential "communications receiver" functions. The VFO appears to be "right on" but the dial needs to be reset, being off a uniform -4 kHz across the band. Being general coverage the circuitry is somewhat more complex than is the case with the 51S series receivers. The audio quality is quite good. At the moment I'm listening to SFR's 1830 release on 15375 kHz on this receiver. Tuning range is 0 to 30 Mhz in 30 one-MHz bands, but for useful LW and MW operation an accessory RF tuner is required. Yes, I would "like to have" this radio; was there ever an one I didn't like, wouldn't want to have? But back to the "mailbag": Frank F. Orcutt, CA, informs us that the Radio Shack stores are disposing of their self-service tube checkers (Mercury Model 204), which, understandably, have been little used in recent years. In the unlikely event any are left they can be had for the proverbial "song"; indeed you may be paid, as Frank was, to get one off their hands. The tube checker we use here was a distributer's throw-away. If one is "into" "vintage" receivers a tube checker is an essential servicing aid. RS assured Frank they will continue to sell tubes, however; but only, I imagine, at some stores. But now let us turn to an interesting letter from Peter Doherty, NC. He writes:

...I'm half way through a book called Radio Communications Receivers by Cornell Drentea. It's on the technical side. He goes through a brief history of receivers. Most of the book is concerned with modern receiver design. It's very helpful in explaining such topics as Noise Floor, Third-order Intercept Point and other measurements. What caught my eye was the photographs of receivers from the ARC-5 through the Rohde & Schwarz EK-070. For those...readers with a technical background this book may fill some gaps. It's not a "beginners" book. The publisher is TAB.

I've spotted another interesting book in the Ham Radio Summer sales flyer: Radio Receivers, Chance or Choice by Rainer Lichte ("A compilation of critical, technical and operator reviews of most of the SWL receivers on the market today"). I haven't got a copy yet but it looks like it might be interesting. It also includes selected older models. Might help someone looking for a used receiver. ($18.50 ordered from Ham Radio Bookstore, Greenville, NH 03048.)

Speaking of "used", a good source of classified ads is the "Ham Trader Yellow Sheets" (P.O. Box 2057, Glen Ellyn, IL 60138-2057. $2.00/4 issue mini-subscription). The bulk of the ads deal with Ham radio gear but I always see shortwave receivers advertised. You must know what you're looking for, though, because most of the ads are "bare bones" information. Also available from Barbara Wixon, 189 Kenilworth, Glen Ellyn, Il 60137, are "Ham Equipment Buyers' Guides" made up of pictures with descriptions and specs of equipment. There are two volumes covering 1946 to 1975, with updates to 1979. Might be handy, again, for someone looking for a less than state of the art receiver.

Now if I may turn to hardware for a few minutes. I had a chance to use a Cubic R230F/V receiver recently. It's basically a U.S. Navy communications receiver: two complete receivers in a 19" rack mount, 5 kHz to 30 MHz, 100 memories, IF shift tuning, 0.5, 1.0, 2.0, 4.0. 8.0 kHz bandwidths and many of the other features available on the current serious machines. A keyboard and only one knob to perform a multitude of functions. The receiver performed quite nicely on SSB and CW. However on AM the results were disappointing. The IF shift doesn't work on AM, so you are stuck with the signal in the center of the passband, so to speak. There also seemed to be a general lack of low frecuency response (below 300 hz). The AM was "communications" quality. What I think I am getting at is: where is the fidelity? Now I'll admit, when the going gets rough on the SWBC bands, receivers need all the tricks possible just to extract the information. But if you want to sit back and listen to the BBC or RCI with a good signal strength, it's nice to listen to a quality sound, not tin-can communications. Now the Cubic wasn't designed to be a SWL receiver ($14,495:). It just brought home the point that AM reception seems to be something tacked on to the receiver after the rest is already designed. Many receivers suffer from this fate. I think an old Hammarlund Super-pro 600 that I "recapacitored" had the nicest sound of any radio I've owned. Give it a decent signal, and I could listen to it hours on end without fatigue. When the going gets rough, though, I'll take a good modern receiver.... By the way, I use a drake TR-7 (general coverage receive options) and a National HRO-500, with various dipoles, for listening.

Peter, it looks like you've got some first class inhalers. As I recall, the TR7 did not incorporate the switchable pre-amp used in the R7 - which may render the former a minuscule "less hot", but the latter probably has a bit poorer "intercept" number when the pre-amp is engaged. How about some words, sometimes, on the HR0500 - one of the earliest synthesized receivers on the American Ham/Commercial market - and quite expensive. Your remarks are further confirmation that no receiver, however prestigious, can "do it all". Radio design has to be a series of compromises, and the worst compromises often occur in receivers for the SWL market. In trying to achieve a balance, say, between selectivity and audio fidelity the result is usually a receiver that doesn't quite "cut it" in either respect. Poor "shape-factor" filters, generally used in lower priced units (but not confined to them), are often the problem: they don't provide "DXing" selectivity, yet degrade fidelity in "AM mode" reception because of excessive sideband cutting. If a receiver is built for quite specific communications applications (as with the Cubic), the engineering will be toward producing a receiver with characteristics commensurate with those applications. Again, for the best of all "radio worlds", several receivers, representing different types of radios and eras of radio building, are necessary. Thus, Peter, you enjoy the sound of your Super-pro, but you recognize that, good as it was in its day, it won't do things for you that a good quality, modern, solid state, synthesized receiver will do for you.... Now Bryan J. Penny, NY, having seen an advertisment for what presumably is, or is close to being, one of the latter - the Uniden Bearcat DX-1000 - would like some comments about its performance. It is, Bryan, the first and only offering from this manufacturer in a High Frequency (SW) receiver, all other receivers in the Bearcat line being VHF/UHF Scanners. We don't know what plans the Bearcat owner, Uniden Corp. of Japan, may have for future shortwave products. I gather the DX-1000, though a good try, was not an overwhelming success. But having never used one I can say nothing of its performance (probable shortcomings: inadequate RF dynamic range and some deficiencies in the area of selectivity). Let's hear from anyone who has had "hands on" experience with the DX-1000. Bryan also sends along a couple of pages from the 1973 Lafayette Radio Catalogue. Pictured are a couple of Hallicrafters and Hammarlund "last gasps", the SX-133 and the HQ-200 (the SX133's lineage can be traced back to the pre-war S20R, the HQ200's to the much more recent HQ100). Shown also is the still well regarded Drake R-4B, selling for $475. The other page extols the virtues of one of Lafayette's import "general coverage" receivers, the transistorized HA-600A - price $99.95. Actually this and vacuum tube Lafayette radios that preceded it were good values at the time they were offered.... Still another enquiry about a receiver, this time a low priced portable, comes from Daniel Kaminsky, NY. New to shortwave listening, he is disappointed with what he feels to be too few stations receivable on his Toshiba RP-F11. Again, I've never used one of these radios, so I can't judge its quality. Can anyone in the audience tell Daniel what he might expect from the RP-F11. Anyone starting SWLing today is not going to find the going as good as it was a few years ago at the height of the last sunspot maximum. "Dead" or lower activity bands are the norm today on the higher frequencies, and some days a lot of the normally well heard stations do not come through with their accustomed punch. This is one of those periods in which the longer wavelengths afford the best results, but even there some stations are missing that were for a while common (e.g. the Chinese PLA station on 7025 kHz). So stick with it Daniel, and at least enjoy BBC, DW, RNW, RCI and maybe a few others until more exotic listening starts to fill the bands again. ... We turn now to the last reader contribution for this time: it's from Stereo Review reader John Norfolk, OK:

> Check the August or September 1986 issues of Stereo Review for a two page advertisement from Carver Corporation (PO Box 1237, Lynwood, WA 98046) for two car/cassette radios, the TX-Seven and the TX-Nine (note that the numbers are spelled rather than given as -7 or -9). Although they are being promoted as high-tech FM tuners "capable of cutting multipath interference up to 92.9%", the ad also says that they "also receive Long Wave and Short Wave stations. And, of course, both...have plenty of random presets...you can tune any fifteen AM, FM, SW or LW stations quickly for instant recall. Plus auto scan and manual tuning. But they also have a system that makes setting up all fifteen presets virtually instantaneous. Just press the button marked BEST and the tuner's logic circuitry will automatically select the fifteen cleanest, strongest signals and lock them in on the presets! And that's in addition to your fifteen individual random presets." ((That's great, I guess.))
>
> This ad does not give the the frequency ranges within the LW and SW bands that these radios cover, nor do they have stereo AM capability. Prices are not mentioned. Since SW car radios seem to be rather rare animals, this might be of some interest to some.

SATELLITE WATCH

by Loren Cox

THE SUMMER HAS NOT BEEN A PARTICULARLY good one for what ought to be our Areopagus in the sky. Despite Senate and Congressional hearings the possibility of any sort of legislation intended to facilitate a fair and competitive market place for the sale of "scrambled" satellite transmitted television programming to the home TVRO/RRO community is at the best remote.

However, House & Senate Bills that can only make life more difficult and unrewarding for the home TVRO/RRO user or the radio hobbyist with a "dish" seem to move through the legislative process with much greater ease.

The Cable monopoly, though having its concerns, still has the situation going pretty much its way with key Capitol Hill persons doing its bidding. The strategy, of course, is to deny as many "free" viewing options as possible to the home TVRO/RRO user (all that currently exist plus discouraging any new ones) and to control the marketing of all satellite distributed "cable" programming. To render, or confirm to be, "illegal" virtually all satellite radiated video and audio (including data) material for the home TVRO/RRO to be used to "intercept" (except for certain programming to be "sold" which shall be encrypted) could go a long way toward establishing de facto illegality of the home TVRO/RRO.

BECAUSE, so long as one has a "dish" one has the potential to receive these "forbidden" transmissions. An amendment to Senate Bill S2575, if not dropped or considerably altered, could be so severely restrictive in regard to what a private "dish" user may "intercept" (on purpose or accidently) as to make it unsafe even to turn on the device for fear of committing a prosecutable offense. This, coupled with the infamous "two double i" of 705 (the Communications Act passed in 1985, superceding the over 50 year old 605), which is the Cable industry's "ace in the hole", form a two pronged threat. 705 legalised the having of a TVRO/RRO; but how legal does it (and S2575 as it stands) leave the using of one? In any event the means of enforcement of such laws is not clear.

AS FOR MYSELF I intend to continue to tune that portion of the RF spectrum from 3.7 to 4.2 GHz for satellite radiated transmissions both video and audio (have no equipment for handling data) until succumbing to those most dire consequences only the State can inflict. This is surely a joke? So far as I know no American has even been fined or imprisoned for private radio/TV listening/viewing. But in an era when we have an FCC Chairman who verbalizes about "the First Amendment rights of the Cable Companies" but, so far as I know, has expressed no similar concern about those of you and me, anything could happen. (The Commissioner's remark came during a recent FCC public session re "must carry" etc. which I viewed, perhaps without sanction (if not criminally), via satellite. "Must carry" essentially to continue for another 5 years, during which time cable subscribers are to be apprised of that marvel of of modern technology, the A/B Switch, whereby they may switch to their own antenna for local stations when they are no longer available via cable - assuming such an antenna can be installed or is even permitted / cf. the situation in communities like Ojai, CA. The Cable Companies, to their distress, are supposed to supply the A/B switches free of charge.)

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THE INCIDENT MOST DAMAGING to the cause of home TVRO/RRO from the public relations standpoint was, of course, the "Captain Midnight" incident. A recent "Bloom County" sequence on this theme was amusing but highly misleading in that it perpetuated in the public mind certain myths in regard to those of us with satellite receiving terminals, our motives for having these devices and the uses we make of them. The evil Captain, this person who posed so grave a threat to all that our people hold dear, turned out to be none other than a frustrated "dish" dealer named John R. MacDougall of Ocala, FL. By a process of elimination FCC and FBI investigators were able to pinpoint him as the culprit. Though what he did can in no way be condoned, at his arrest MacDougall made a statement explaining his action that was not without merit

(this statement was a part of the CBS "backhaul" but was edited out of the "Evening News"; N.Y. TIMES, I hear, had excerpts; can supply complete statement as read on Chuck Dawson's satellite radio station, K-SAT). At least persons claiming to be CM and making the radio talk-show circuit are now put out of business; and the utterance in synthesized speech allegedly from CM that was played on the short-lived Independent Satellite Television Network was evidently a hoax. As a public relations coup for HBO and those who wish to destroy home TVRO/RRO as it has come to be, CM was perfect (so perfect as to be a cause for some wonder). Media coverage was both incomplete and misleading, especially initially when it was implied the deed was the work of some computer/video hacker (like Oliver Wendell Jones) with a "handful of Radio Shack parts". And there was never any investigative reporting to determine what the CM protest was really all about. Certainly it wasn't what the public generally thinks. Too late, Cable viewers and watchers of terrestrial TV may come to realize what it was all about.

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THE ITCH TO ENCRYPT: THAT POX UPON THE PUBLIC INTEREST. It is certainly that in so far as the scrambling of the "superstations", the commercial networks and AFRTS and PBS is concerned - CNN should also be included. Due to absurdities in communications law, broadcasting entities licensed to "broadcast in the public interest" can be uplinked to satellite by an entity that is licensed to operate without that obligation. And the commercial networks, those necessary links in the nation's electronic information chain, who are also licensees (being owners of ground broadcasting stations) under the "public interest" requirement, arrogantly will deny their programming (and will deny their advertisers access) to areas of the country where only satellite feeds afford any (or adequate) possibilities of viewership. Talk of "translators" is so much eye-wash; that technology has been available for many years if they were really interested in covering the "white zones" - now accomplished beautifully via satellite. As for the Administration's position in all of this, there was a shocking "Let 'em eat cake" type statement from the Commerce Department's witness at the Senate's (Goldwater Committee's) July 31st "scrambling" hearing. Said he: with all of the wonderful advantages of the pastoral life, why should these people be so concerned about having access to television? Fresh air makes electronically delivered news, information, less necessary? Country folk have not the need to know that their city brethren have? (About all the home TVRO community got out of the Senate hearings was the emotional satisfaction of seeing HBO's Michael Fuchs sweat under the grilling by Senator Gore. And Senator Pressler had some pointed questions for the Cable industry.)

IF THE SCRAMBLING of the "superstations", the Networks and other services heavily into commercial advertising is a bitter pill for the home TVRO community to swallow, a perhaps even more unappetizing one is the proposed/probable scrambling of AFRTS and PBS - one wholly and the other significantly supported by tax revenues. The Armed Forces Radio and Television Service is a function of the Defense Department having the purpose of providing television and radio programming to U.S. forces overseas. It has not been a part of its "mission" to provide a domestic video service for the American public or any portion thereof, but a consequence of its operation is that it has come to be just that for the "dish" audience. This would seem to be a harmless consequence of AFRTS operation (which, after all, we're all paying for). But certain vested interests obviously could not tolerate certain programming provided at no cost to AFRTS being publicly available. So AFRTS must scramble (they say) or lose that programming (but what about a retired "old salt" with a dish who wants to watch "The Navy this Week"? why should he be denied?) 'Twill be expensive, this B-MACing of "a-farts" - but unless it's done, we're told, our servicepeople get no TV. If "copyright law" requires the scrambling of AFRTS why was it not done long before now? And wouldn't those same "copyright laws" apply to the material used on AFRTS radio, available to all via shortwave since WWII days? Presumably: but the networks, CNN and the Cable monopoly aren't concerned about AFRTS radio (the satellite feed of which will also be locked up in the B-MAC? Personally, I'm more concerned about losing AFRTS radio in hi-fi than in losing AFRTS-TV (received here with a very f-b picture)).

NOW THE FOLKS WHO RUN PBS are not gentle artistic types interested, via their programming, in doing the greatest good for the greatest number but are afflicted with the same unreasonable arrogance to be found in the

CBS corporate offices. The proffered reason for scrambling (as with CBS) is affiliate protection - because people with "dishes" io ipso watch the satellite feed instead of their "local station" (if there is one). I SAY AGAIN AND AGAIN AND AGAIN, PEOPLE QUITE RIGHTLY WILL AND SHOULD WATCH TELEVISION, LISTEN TO RADIO, FROM THAT SOURCE, WHEN THERE IS AN OPTION, WHICH PROVIDES THE BEST POSSIBLE RECEPTION. PBS reception in Kentucky, because of terrain, even when there is a close by transmitter, is often poor to non-existent. The Kentucky Educational Television station, QTH Pikeville, KY, can hardly be seen in downtown Pikeville. And I've mentioned reception problems even here in Lexington. But PBS will argue: unless we scramble the satellite feeds viewers won't support the affiliates with contributions at fund-raising time; if PBS scrambles I can give them absolute assurance that I won't! For who would be more disposed to contribute to the upkeep of a broadcasting service by being denied the best reception of that service he has ever enjoyed? It has been said that the major impediment to PBS scrambling plans is Senator Goldwater who has threatened them with the loss of government funding; but the Senator is now concluding his last term. So standby for a B-MACed "Masterpiece Theatre".

UTTERANCES HAVE BEEN MADE to the effect that the FCC fully expect every satellite radiated video transmission to be encrypted within 5 years or so, with some being available to home TVROs via subscription. I would not be surprised to see it made mandatory for all satellite radiated transmissions be scrambled. Services that you may buy being the only ones that ye may see.

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BUT THAT HASN"T HAPPENED YET; so for something a bit more positive. In regard to programming, I am happy to report an exciting new video service, unscrambled, with no plans to scramble: The International Television Network (ITN), presenting outstanding programming selected from the world's television networks, including those of the BRD, France, Yugoslavia, Japan, Spain, etc. All programming is in the original language with subtitles. In my view, along with BRAVO and ARTS AND ENTERTAINMENT, the best "entertainment" on U.S. television (B and A&E presumably to be scrambled). The service is up from 4:30 to 12:30 UTC (the 4 hour schedule run through twice) on Westar 4, Ch. 19 (Westar 4 is the satellite for PBS programming) 7 days per week. Have been taping the Tuesday schedule which includes a little light drama, "Drei Damen vom Grill" and a "mini-series" from WDR, "Theodor Chindler", based on the Bernard von Brentano novel. A feature from Yugoslav television is the life story of Nikola Tesla. "Moscow Meridian", hosted by master propagandist Vladdy the Pose, is also on the ITN. Actually an interesting program. There are two commercial interruptions per half hour in ITN programming plus a commercial break between programs. The service is intended for rebroadcast by terrestrial stations and for direct reception by the home TVRO audience. Though not to everyone's taste, I highly recommend the ITN; it makes a "dish" still very much worth the having. Another TVRO oriented service - no scrambling plans - is improving and expanding its programming. We are referring to the Carribbean Super Station (Westar 5, Ch. 16). More recent release movies are being shown and the NBC Nightly News is being aired (with their own commercials substituted for NBC's) along with some U.S. network sports programming. As I understand it, the CSS appears to be a successful venture thus far, and has been a stimulus to the "dish" business throughout the Caribbean area. The narrator on a travelogue for the Dominican Republic tuned in the other day sounded like Rudy Espinal. CBC Television (available via several feeds on Anik D) remains another outstanding reason for having a "dish". Have been promoting the "fall line-up", which, again, I find more to my liking than the profferings of their south-of-the-border commercial counterparts - by far. For the past few weeks the Thursday showing of The Frantics ("Four on the Floor") has been pre-empted for CFL football (UGH!). The third series of Sherlock Holmes dramatizations from Granada TV have been a CBC summer feature (on PBS perhaps later this year). The promising NuStar Network that was up for a while on ASC1/11 is (we hope only temporarily) absent. The Movie Network, trying to present an evening movie schedule for home TVRO has folded: insufficient financial support and no audience enticing material available to them. An audio service, much to my sorrow, that appears to have gone away is Bill Bragg's National Broadcast Museum Superstation, which was on the 6.2 MHz sub-carrier of the Nostalgia Channel. Have heard nothing there lately but a "wallpaper music" service called "Jazz America". The NBMS, for me, was a significant reason for having a "dish". It was keeping a tape recorder busy.

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RADIO-ELECTRONICS DARKENS THE F.U.N. CHANNEL: Because of its lineage, being a Gernsback publication, I've always had regard for Radio-Electronics magazine. Among its distinguished predecessors were Short Wave Craft and Radio Craft, publications no radio hobbyist could well do without. But in its October 1986 issue, R-E committed a breach of journalistic ethics that was shocking, disgusting and probably criminal. For some time articles had been appearing, generally theoretical, on various scrambling techniques used by cable companies and satellite distributed program services. Nothing wrong with that. Video/audio scrambling is a part of modern electronic technology which one should be informed about. But in the October '86 issue R-E (strictly for "educational" purposes) published complete and explicit plans, including artwork, parts list and parts sources, for the Telease-Maast descrambler, the principal current user of which is the Fantasy Unrestricted Network. Another user of it, American EXXXtasy, has abandoned this system in favour of the VideoCipher II. The key to the descrambler's functioning on a particular service is a crystal, the appropriate frequency of which, plus a source, was given in the R-E article. The result of the appearance of this piece, as the R-E editors knew would happen, was the suspension of operation by F.U.N., which could no longer assure its program suppliers a reasonable degree of security. F.U.N. was rendered a "worthless" service; it was no longer a saleable commodity. Why would R-E be a party to getting F.U.N. off the air? Who benefits from its demise? Guess who? Right - the CABLE MONOPOLY. F.U.N was a holdout against the "de facto industry standard decoder", the VCII, and that could not be permitted. Also, Bob Steinman, operator of F.U.N., is a strong advocate of home TVRO, having run editorials ("in the clear") on his channel supportive of the cause of home TVRO. And most recently he has been making available F.U.N.'s 6.2 sub-carrier to Chuck Dawson for his K-SAT radio station. It was an obvious advantage to K-SAT to have free transponder time on a wide-band audio channel. A class action law suit involving F.U.N. channel subscribers is in the making. Steinman is in no position economically to go to another scrambling system or to initiate new lawsuits, already being involved with Dawson in a lawsuit against HBO and some movie studios in regard to certain monopolistic practices. So he has been a "marked man" for some time. Asked if they would run a similar article, if available, on the VCII, R-E replied, of course not. It is alleged that R-E ran this article because they "owed one" to Time-Life, et al. Be that as it may, it was an act hardly helpful to the cause of home TVRO, not to mention the damage done to F.U.N. and its subscribers who who have paid legitimately to receive this service. And anyone who has already spent the money for parts to build the R-E project can do nothing with them except build a device for which he will have no use. But that won't matter. For it was supposed to be for "educational" purposes only.

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BUT LET US LEAVE THESE SORDID MATTERS for some words about an old RF hound's latest source of excitement. I now have access to a whole new world of radio! For I now have access to those innumerable satellite radiated transmissions known as SCPC ("Single Channel per Carrier" - some prefer "Single Carrier per Channel"). These are "stand alone" companded audio signals of milliwatt range power, either "wide band" or "narrow band" FM. They are to be distinguished from the audio sub-carriers that accompany video signals to provide television program audio plus other audio and data services: these are a "function" of the video signal and disappear when the video carrier goes off. A "video transponder" may provide from one to twenty or so sub-carriers. The more sub-carrier loading the less power available for the video. Well known sub-carrier services are the uplinked FM stations, WFMT and WQXR. Those most listened to by the home TVRO audience are the "satellite only" radio stations, FM AMERICA, K-SAT and North America One. The sub-carriers on Anik D, as I've mentioned ad nauseam, carry that fine programming from several CBC radio services plus other Canadian radio. Now SCPC signals can be on any transponder, whether or not video is present; they are "stand alone" signals, tuned, with the appropriate equipment, just as signals on any band of radio frequencies are tuned. Each transponder loaded with only SCPC signals provides a "band" approximately 40 MHz wide which may be tuned for them.

Wide band SCPC-FM signals are about half as wide as broadcast FM band signals and narrow band SCPC-FM signals about half of that. Both wide and narrow SCPC signals will occur on the same transponder.

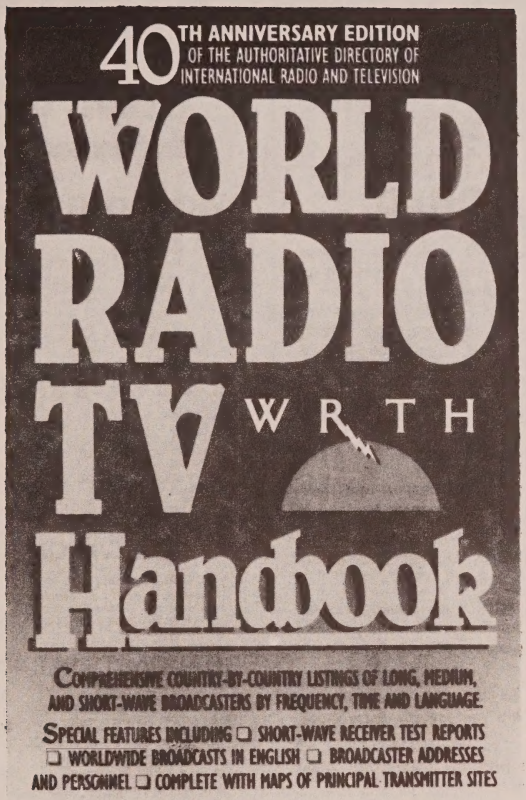
WELL, WHAT DOES ONE HEAR when one listens to SCPC signals, and how does one go about receiving them? You will hear everything from the Voice of America to the Physicians' Radio Network; from KIRO Seattle to WKIS, Orlando; from CBC Arctic to every U.S. State radio net-

work; from Radio Martí to Minnesota Public Radio; from the Satellite News Network to the Oldies Channel; etc etc. Of course I now have access to all of the Mutual Network's analog feeds (MBS was the first radio network to go to satellite distribution to its affiliates) as well as all National Public Radio programming. Also American Public Radio and California Public Radio (KUSC). NBC, CBS and ABC Radio have gone virtually all digital. There is no thrill (almost) like tuning an active band of radio frequencies one has not tuned before, not knowing what the next twist of the dial will reveal. I can report that I have finally heard a BBC service via satellite: It was not the World Service, however, but the Latin American Service (Spanish). Was up on the VOA transponder: Satcom F2, Tr. 14. Had been listening to the VOA English feed until past 0230 at which time I tuned up to the next channel where the English language lesson, "Radio Rainbow" was in progress, followed by "Jazz from London". On the L.A. Service as far back as I can remember (which would be the 1940s) Big Ben is heard on the hour with the tolling of that hour's number. The VOA's hourly time tone was also discernable - the channel being one for VOA feeds. This feed is evidently intended for several Caribbean and South American stations which rebroadcast it (they were mentioned during an ID interval). But the strangest find on the "VOA transponder" was Radio Rebelde (see my note under "CUBA").

THE SATELLITES MOST ACTIVE with SCPC-FM audio feeds are Westar 4 and Westar 3, but they can also be found on a number of others: Satcom F1, Satcom F2, Anik B, Anik D and no doubt others which I have not fully explored. Most of the satellites have SCPC data channels and one will encounter a number of "open carriers". As I said, these transmissions can be "narrow-band" or "wide-band". The State networks and sports feeds are the former with programming requiring greater audio frequency range being the latter (e.g. NPR and the Mutual Net). Unfortunately when programming is in stereo one can hear only one channel at a time as separate SCPC channels are used for left and right channels. Stereo reception is possible but it would require some equipment duplication. There are professional SCPC receivers available but they are quite expensive. A problem in "amateur" SCPC reception is that these transmissions are "companded", i.e. the dynamic range is compressed (companding ratios are 1:2 or 1:3) in order to conserve spectrum space. So the sound will be not quite "natural". Also reception can be a bit noisy, especially if one's "SCPC receiver" does not have the optimum bandwidths for this service: about 75 kHz (@ 6dbd) for wide band and about half that for narrow band. Despite these limitations, SCPC-FM signals, I find, are quite listenable (if you can take shortwave SCPC is a joy).

HOW AM I ACHIEVING SCPC-FM reception? It has been made possible as the result of the acquisition of an ICOM R7000 receiver (a review of which will appear in REF). What is necessary for SCPC-FM reception (besides a TVRO/RRO, obviously) is an FM receiver with a tuning range of approximately 50-90 Mhz and selectable bandwidths of about 80 and 40 kHz. The 50-90 MHz receiver is used to tune through the satellite receiver's IF passband which is centered on 70 MHz.

If one's sat/ receiver is the block-conversion type with a 70 MHz IF loop-through (provided on virtually all recent production receivers for placing a TI filter in the IF - narrows the passband), connection to the FM receiver is quite simple: merely tap the 70 MHz IF loop by means of an isolating type 75 ohm TV cable tap-off, the tap-off output going to the antenna input of the FM receiver. The next step is to locate transponders with SCPC activity and start tuning and listening. (I highly recommend that dangerous, subversive publication The Hidden Signals on Satellite TV by Harrington and Cooper, where the above technique for SCPC reception is described.) The R7000 performs quite creditably in this application. A limitation is that the bandwidths are not optimal for SCPC signals: the "wide-band" setting (150 kHz @ 6dbd) is too wide for wideband SCPC and the widest "narrowband" setting (15 kHz @ 6dbd) is too narrow for narrowband SCPC. Using the R7000's "wideband" position results in a somewhat degraded signal-to-noise ratio, especially when receiving narrowband SCPC signals; narrowband SCPC signals are intelligible in the "narrowband" position but fidelity suffers. There is some thermal drift in the TVRO receiving system's block down-converter as the outside ambient temperature is changing (warming or cooling) - is about plus/minus 300 kHz. So the R7000's dial frequencies will vary from day to night; but one can still log frequencies fairly accurately by noting the offset from a known standard (e.g. Mutual One whose announced frequency in the IF passband is 75.8 MHz). The R7000's manual tuning and "zero-center" tuning meter are conducive to precise tuning. But despite the limitations of this receiving system I am very well pleased with the results. May the pleasures of radio never cease! Keep tuned.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